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United States  
Department of  
Agriculture

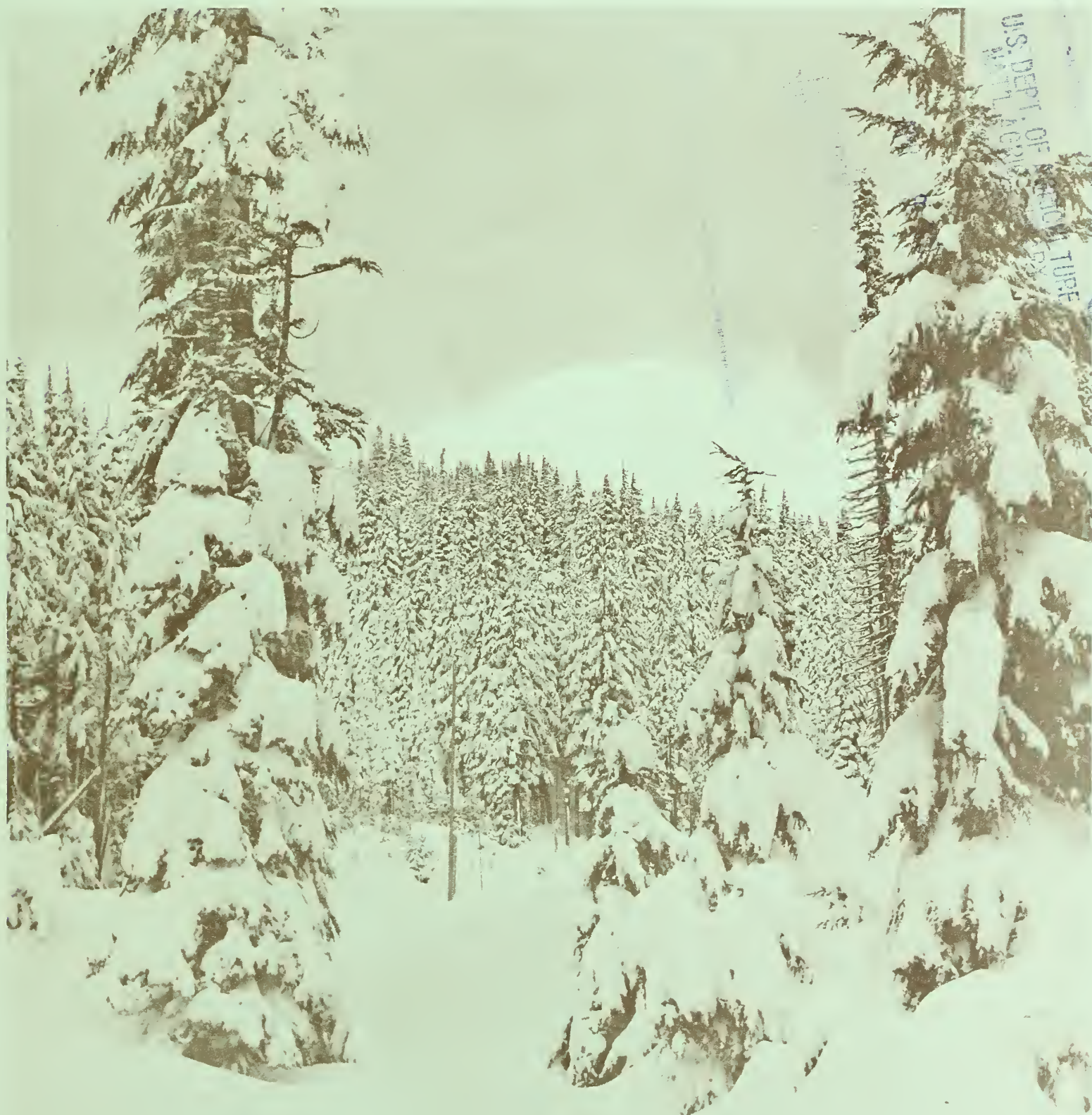
Soil  
Conservation  
Service

Boise  
Idaho



# WATER SUPPLY OUTLOOK FOR IDAHO

in Cooperation with Idaho State Department of Water  
Resources, Idaho Soil Conservation Districts, and NOAA,  
National Weather Service



March 1, 1985

TO RECIPIENTS OF WATER SUPPLY OUTLOOK REPORTS:

Up to 75 percent of the usable water in western states originates as mountain snowfall. This snowfall accumulates during the winter and spring, several months before the snow melts and appears as streamflow. Since the runoff from precipitation as snow is delayed, estimates of snowmelt runoff can be made well in advance of its occurrence. Streamflow forecasts published in this report are based principally on measurement of the water equivalent of the mountain snowpack.

Forecasts become more accurate as more of the data effecting runoff are measured. All forecasts assume that climatic factors during the remainder of the snow accumulation and melt season will interact with a resultant average effect on runoff. Early season forecasts are therefore subject to a greater change than those made on later dates.

The snow course measurement is obtained by sampling snow depth and water equivalent as surveyed and marked locations in mountain areas. These measurements are repeated in the same location near the same dates each year. Snow surveys are made monthly or semi-monthly from January 1 through June 1 in most states. There are about 1900 snow courses in Western United States and in the Columbia Basin in British Columbia. Snotel (snow telemetry) networks of automatic snow water equivalent and related data sensing devices, are expanding and will provide a continuous record of snow water and other parameters at key locations.

Detailed data on snow course measurements are presented in state and local reports. Other data on reservoir storage, summaries of precipitation, current streamflow, and soil moisture conditions at valley elevations are also included. A joint Soil Conservation Service and National Weather Service report for Western United States presents a broad picture of water supply outlook conditions, including selected streamflow forecasts, summary of snow accumulation to date, and storage in larger reservoirs. This report can be obtained from Soil Conservation Service, National Technical Center, Rm. 510, 511 NW Broadway, Portland, Oregon 97209.

In California, the program is coordinated by the California Department of Water Resources. The Canadian provinces of British Columbia and Alberta have comparable programs.

Copies of state and local reports may also be obtained from state offices of the Soil Conservation Service in the following states.

| STATE              | ADDRESS  |
|--------------------|--|
| Alaska             | Room 129, 2221 East Northern Lights Blvd., Anchorage, Alaska 99504     |
| Arizona            | Room 3008, Federal Building, 230 N. First Ave., Phoenix, Arizona 85025 |
| Colorado (N. Mex.) | 2490 W. 26th Ave., Diamond Hill, Bldg. A, Denver, Colorado 80211       |
| Idaho              | Room 345, 304 N. 8th St., Boise, Idaho 83702                           |
| Montana            | Room 443, Federal Building, 10 East Babcock, Bozeman, Montana 59715    |
| Nevada             | 50 S. Virginia Street, P. O. Box 4850, Reno, Nevada 89505              |
| Oregon             | 1220 S.W. Third Ave., Portland, Oregon 97204                           |
| Utah               | 4420 Federal Bldg., 125 South State St., Salt Lake City, Utah 84138    |
| Washington         | 360 U.S. Court House, Spokane, Washington 99201                        |
| Wyoming            | Federal Office Building, 100 East B. Street, Casper, Wyoming 82601     |

WATER SUPPLY OUTLOOK  
FOR  
IDAHO  
and  
Federal-State-Private Cooperative Snow Surveys

Issued by  
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Idaho Power Company  
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# WATER SUPPLY OUTLOOK for IDAHO



## IMPORTANT NOTICE

The President's 1986 budget request to Congress calls for a two-thirds reduction of the Soil Conservation Service funding. This proposed budget level will sustain only limited assistance to Conservation District co-operators, reduced soil survey activity and plant materials programs. All other programs, including Snow Surveys, will be terminated as of F.Y. 1987.

## GENERAL STATEMENT FOR MARCH 1, 1985

Snow measurements taken near March 1, 1985 indicate that snow accumulation during February was near normal across the state and snowpack conditions have not changed significantly from the first of February. North Idaho snowpack conditions from Orofino north remain above to well above average, ranging from 106 percent of normal on the North Fork of the Clearwater to 161 percent on the Palouse River drainage. Conditions in the remainder of the state remain near or below average ranging from 80 percent of normal on the Big Lost River basin to 103 percent on the Salmon Falls Creek drainage. The exceptions to this are the Owyhee River drainage which is 118 percent of normal and the Canyon Creek and Camas Creek drainages west of Fairfield which are 124 percent and 111 percent respectively.

February extended the trend of below normal temperatures which began last fall. The first week saw temperatures average 15 to 20 degrees below normal. The last three weeks saw near normal temperatures over northern Idaho but readings continued to average 5-10 degrees below normal across southern Idaho. For Boise, February became the sixth consecutive month of below normal temperatures; in fact, it was the sixth coldest February on record at Boise and second coldest on record at Twin Falls. It was the fourth coldest February at Pocatello.

Precipitation totals in the northern Idaho valleys amounted to only 50% of normal. Southwest Idaho valleys also received only 50% of normal while southwestern mountains had 75%. The southeast experienced normal precipitation totals. The only portion of the state which measured above normal precipitation during February was the South Central.

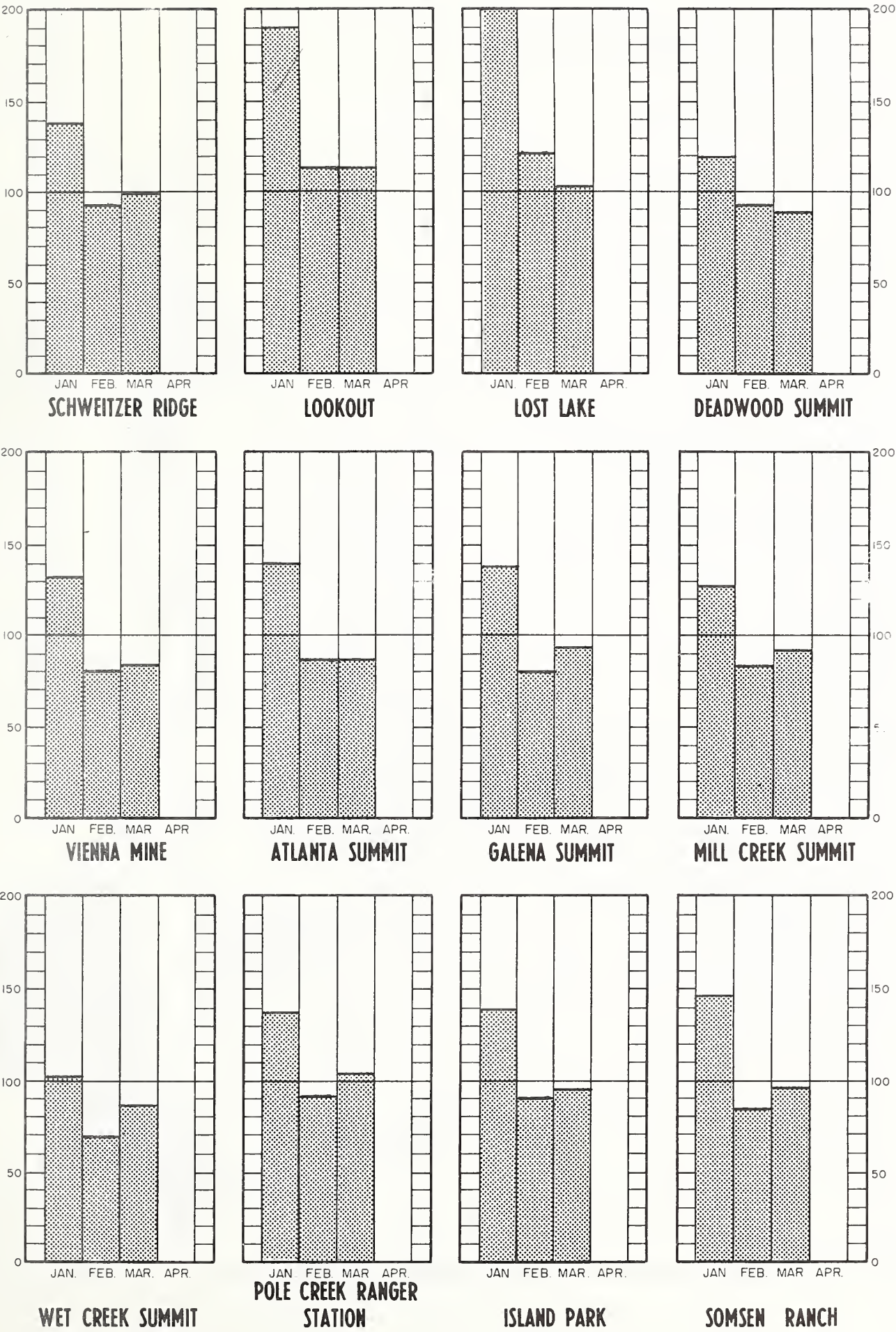
Reservoir carryover storage as of March 1 is slightly above normal at 113 percent of average in 21 key reservoirs across the state, ranging from 14 percent of average in Coeur d'Alene Lake to 271 percent of average in Salmon Falls Creek Reservoir.

Soil moisture conditions remain near normal in northern and central Idaho and above normal in the southern and eastern parts of the state.

Streamflow forecasts for the April-July period now range from a low of 85 percent of normal on the Big Lost and Little Wood River basins to 119 percent of normal on the inflow to Oakley Reservoir.

Near normal precipitation for the remainder of the season will assure water users of an adequate water supply for 1985. Carryover storage on Salmon Falls Creek Reservoir, coupled with the forecasted March-June runoff for the Salmon Falls Creek drainage, indicates the reservoir will again fill to capacity and it is anticipated that releases of nearly 50,000 ac. ft. will be required. Oakley Reservoir is also expected to fill to capacity but emergency releases, if necessary, should be minimal.

SNOW WATER DEPTHS ACCUMULATION  
For Selected Snow Courses  
As percent of 1961-80 20 year average



## COMPARISON of SNOW COVER






| RIVER BASIN WATERSHED                       | NO. OF COURSES<br>AVERAGED | THIS YEARS SNOW WATER<br>EXPRESSED AS PERCENT OF : |                 |
|---|----------------------------|--|-----------------|
|   |                            | LAST YEAR  | 1961-80 Average |
| <u>UPPER COLUMBIA RIVER BASIN</u>           |                            |  |                 |
| Kootenai River                              | 56                         | 164  | 97              |
| Pend Oreille River                          | 156                        | 142  | 95              |
| Clark Fork River                            | 100                        | 141  | 93              |
| Clark Fork above Blackfoot, Mt              | 42                         | 123  | 82              |
| Lower Clark Fork below Missoula, Mt         | 19                         | 165  | 105             |
| Blackfoot River, Mt                         | 20                         | 154  | 91              |
| Flathead River                              | 56                         | 142  | 98              |
| North Fork Flathead                         | 13                         | 153  | 95              |
| Middle Fork Flathead                        | 12                         | 167  | 97              |
| South Fork Flathead                         | 13                         | 132  | 102             |
| Bitterroot River                            | 19                         | 122  | 88              |
| Priest River                                | 4-5                        | 91   | 106             |
| Spokane River                               | 17-19                      | 167  | 119             |
| Coeur d'Alene River                         | 8-10                       | 159  | 117             |
| St. Joe River                               | 5                          | 166  | 109             |
| Hayden Creek                                | 4                          | 206  | 157             |
| <u>LOWER SNAKE RIVER BASIN</u>              |                            |  |                 |
| Palouse River                               | 3                          | 195  | 161             |
| Clearwater River                            | 17-19                      | 145  | 101             |
| North Fork Clearwater                       | 11-12                      | 152  | 106             |
| Lochsa                                      | 4                          | 144  | 93              |
| Selway                                      | 3-4                        | 124  | 90              |
| Salmon River                                | 27-30                      | 102  | 89              |
| Salmon above Salmon                         | 10-12                      | 94   | 84              |
| Lemhi River                                 | 7                          | 105  | 86              |
| <u>MIDDLE SNAKE RIVER BASIN - Northside</u> |                            |  |                 |
| Little Lost River                           | 5-6                        | 92   | 81              |
| Big Lost River                              | 8-9                        | 84   | 80              |
| Fish Creek                                  | 3                          | 80   | 93              |
| Little Wood River                           | 4                          | 91   | 85              |
| Big Wood River                              | 13-15                      | 87   | 92              |
| Big Wood River above Magic Reservoir        | 8-9                        | 90   | 85              |
| Camas Creek                                 | 5-6                        | 82   | 111             |
| Canyon Creek                                | 3                          | 84   | 124             |
| Boise River                                 | 18-21                      | 88   | 98              |
| Middle Fork Boise                           | 8-10                       | 93   | 90              |
| South Fork Boise                            | 10-11                      | 87   | 95              |
| Payette River                               | 14-17                      | 104  | 98              |
| South Fork Payette                          | 5-7                        | 99   | 94              |
| North Fork Payette                          | 9-10                       | 107  | 99              |
| Weiser River                                | 7-9                        | 102  | 99              |
| Mann Creek                                  | 1-4                        | 94   | 105             |
| <u>MIDDLE SNAKE RIVER BASIN - Southside</u> |                            |  |                 |
| Raft River                                  | 7-9                        | 62   | 89              |
| Goose-Trapper Creeks                        | 3-5                        | 63   | 102             |
| Salmon Falls Creek                          | 11-12                      | 61   | 103             |
| Bruneau River                               | 9                          | 54   | 100             |
| Owyhee River above Owyhee Lake              | 20-28                      | 51   | 118             |
| <u>UPPER SNAKE RIVER BASIN</u>              |                            |  |                 |
| Upper Snake above Palisades Reservoir       | 29                         | 101  | 87              |
| Snake above Jackson, Wy                     | 8                          | 115  | 95              |
| Gros Ventre, Wy                             | 3                          | 97   | 83              |
| Greys Rivers, Wy                            | 3                          | 89   | 79              |
| Salt River, Wy                              | 5                          | 87   | 89              |
| Camas-Beaver Creeks                         | 2                          | 93   | 84              |
| Henrys Fork River                           | 14                         | 111  | 91              |
| Teton River                                 | 9                          | 96   | 96              |
| Willow Creek                                | 8-9                        | 83   | 102             |
| Blackfoot River                             | 4-8                        | 77   | 96              |
| Portneuf River                              | 4-11                       | 71   | 97              |
| <u>GREAT BASIN</u>                          |                            |  |                 |
| Bear River                                  | 5                          | 86   | 97              |
| Montpelier Creek                            | 6                          | 87   | 95              |
| Mink Creek                                  | 4-5                        | 65   | 91              |
| Cub River                                   | 4                          | 66   | 98              |
| Malad River                                 | 6-7                        | 67   | 102             |

## SNOW WATER DEPTHS

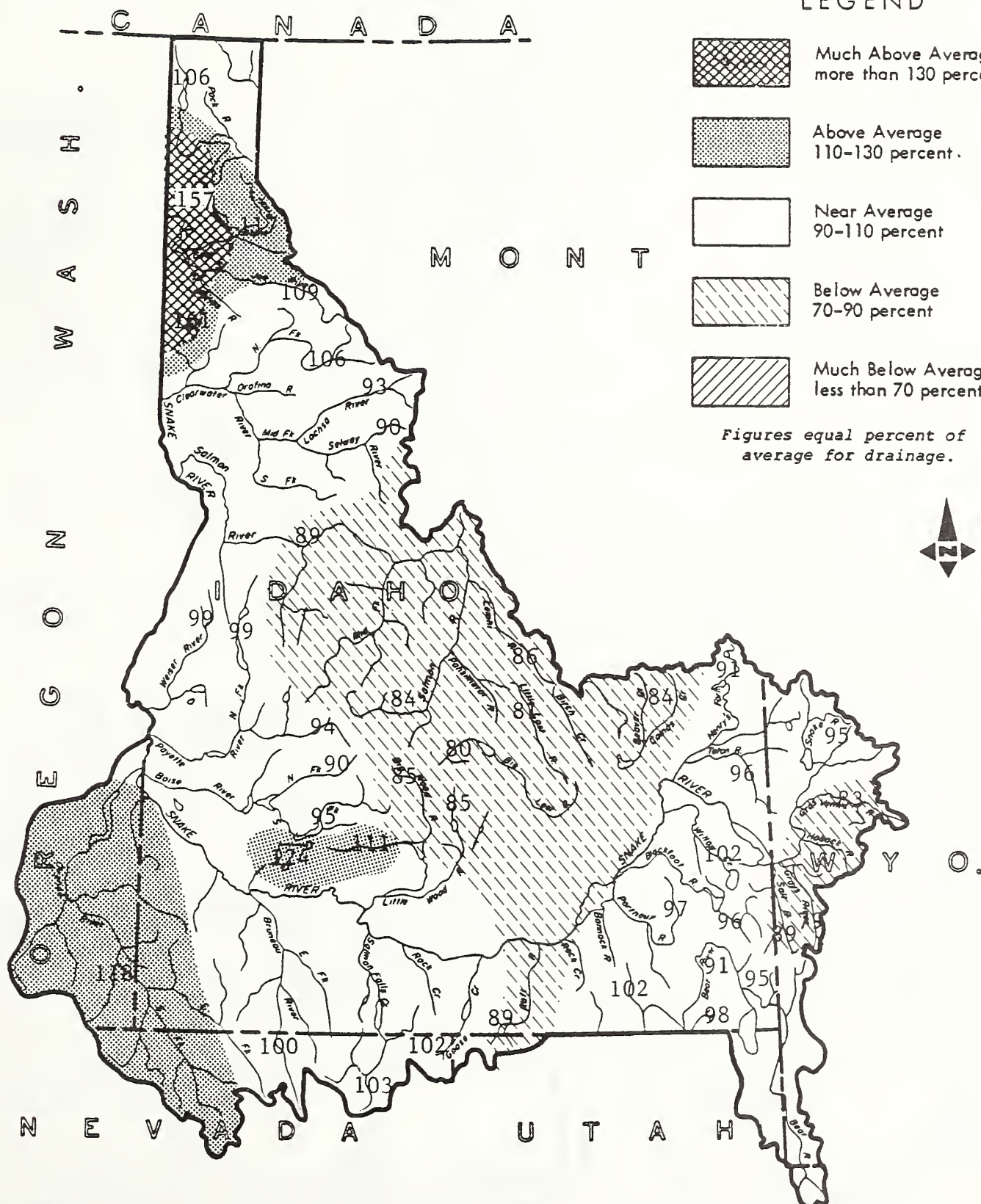
As percent of 1961-80 20 year average  
- MARCH 1 -  
IDAHO

20 0 20 40 60 80 100 120  
SCALE IN MILES

## LEGEND

-  Much Above Average  
more than 130 percent
-  Above Average  
110-130 percent.
-  Near Average  
90-110 percent
-  Below Average  
70-90 percent
-  Much Below Average  
less than 70 percent

Figures equal percent of  
average for drainage.



## RESERVOIR STORAGE (1,000 Ac. Ft.)

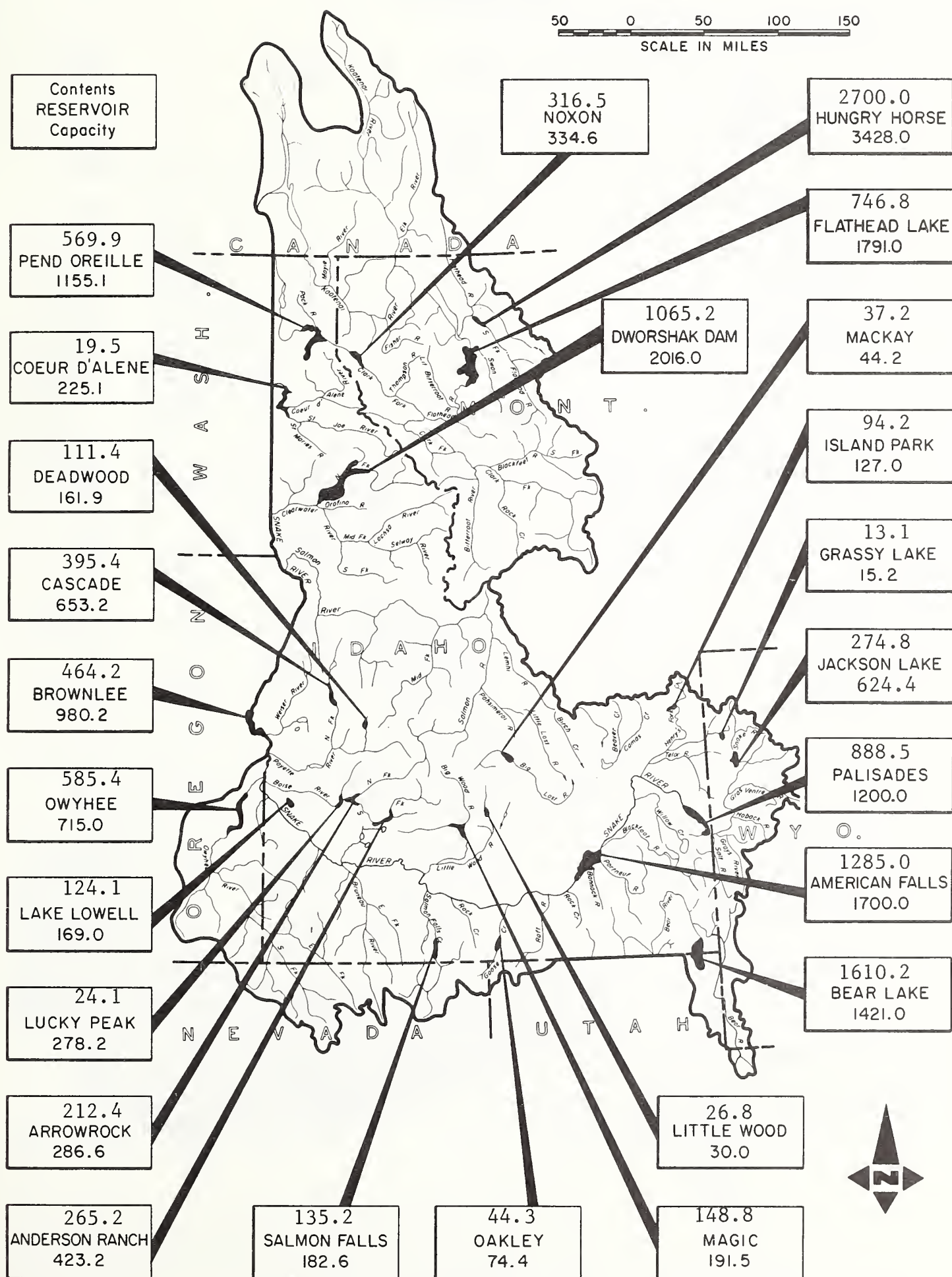
| RESERVOIR                 | USABLE CAPACITY | MEASURED (First of Month) |           |                 |
|---------------------------|-----------------|---------------------------|-----------|-----------------|
|                           |                 | THIS YEAR                 | LAST YEAR | 1961-80 Average |
| UPPER COLUMBIA BASIN      |                 |                           |           |                 |
| Clark Fork - Pend Oreille |                 |                           |           |                 |
| Hungry Horse              | 3428.0          | 2700.0                    | 2507.0    | 2213.0          |
| Flathead                  | 1791.0          | 746.8                     | 787.4     | 934.1           |
| Pend Oreille              | 1155.1          | 569.9                     | 479.7     | 375.8           |
| Noxon                     | 334.6           | 316.5                     | 322.8     | 312.2           |
| Spokane                   |                 |                           |           |                 |
| Coeur d'Alene             | 225.1           | 19.5                      | 106.5     | 142.8           |
| SNAKE BASIN               |                 |                           |           |                 |
| Snake                     |                 |                           |           |                 |
| Jackson Lake              | 624.4           | 274.8                     | 491.6     | 552.9           |
| Palisades                 | 1200.0          | 888.5                     | 994.8     | 840.8           |
| American Falls            | 1673.0          | 1285.0                    | 1214.0    | 1269.0          |
| Island Park               | 127.0           | 94.2                      | 111.6     | 109.7           |
| Grassy Lake               | 15.2            | 13.1                      | 14.0      | 10.4            |
| Brownlee                  | 980.2           | 464.2                     | 510.8     | 495.5           |
| Goose-Trapper Creeks      |                 |                           |           |                 |
| Oakley                    | 74.4            | 44.3                      | 45.2      | 28.8            |
| Salmon Falls Creek        |                 |                           |           |                 |
| Salmon Falls              | 182.6           | 135.2                     | 82.0      | 49.9            |
| Big Lost                  |                 |                           |           |                 |
| Mackay                    | 44.2            | 37.2                      | 35.3      | 31.5            |
| Big Wood                  |                 |                           |           |                 |
| Magic                     | 191.5           | 148.8                     | 120.0     | 96.6            |
| Little Wood               |                 |                           |           |                 |
| Little Wood               | 30.0            | 26.8                      | 21.9      | 16.7            |
| Fish Creek                |                 |                           |           |                 |
| Carey Valley              | 14.4            | 8.4                       | 9.9       | --              |
| Boise                     |                 |                           |           |                 |
| Anderson Ranch            | 423.2           | 265.2                     | 220.4     | 234.8           |
| Arrowrock                 | 286.6           | 212.4                     | 72.4      | 250.2           |
| Lucky Peak                | 278.2           | 24.1                      | 163.7     | 81.9            |
| Lake Lowell (Deer Flat)   | 169.0           | 124.1                     | 131.8     | 126.8           |
| Owyhee                    |                 |                           |           |                 |
| Owyhee                    | 715.0           | 585.4                     | 596.6     | 405.5           |
| Payette                   |                 |                           |           |                 |
| Cascade                   | 653.2           | 395.4                     | 415.8     | 332.1           |
| Deadwood                  | 161.9           | 111.4                     | 105.5     | 79.5            |
| Weiser                    |                 |                           |           |                 |
| Mann Creek                | 11.1            | 4.0                       | 3.4       | --              |
| Clearwater                |                 |                           |           |                 |
| Dworshak                  | 2016.0          | 1065.2                    | 1117.3    | --              |
| GREAT BASIN               |                 |                           |           |                 |
| Bear                      |                 |                           |           |                 |
| Bear Lake                 | 1421.0          | 1610.2                    | 1077.9    | 979.3           |
| Montpelier Creek          | 4.05            | 2.60                      | 2.05      | --              |

# RESERVOIR STORAGE

USABLE CONTENTS (1,000 Acre Feet)

MARCH 1, 1985

50 0 50 100 150  
SCALE IN MILES

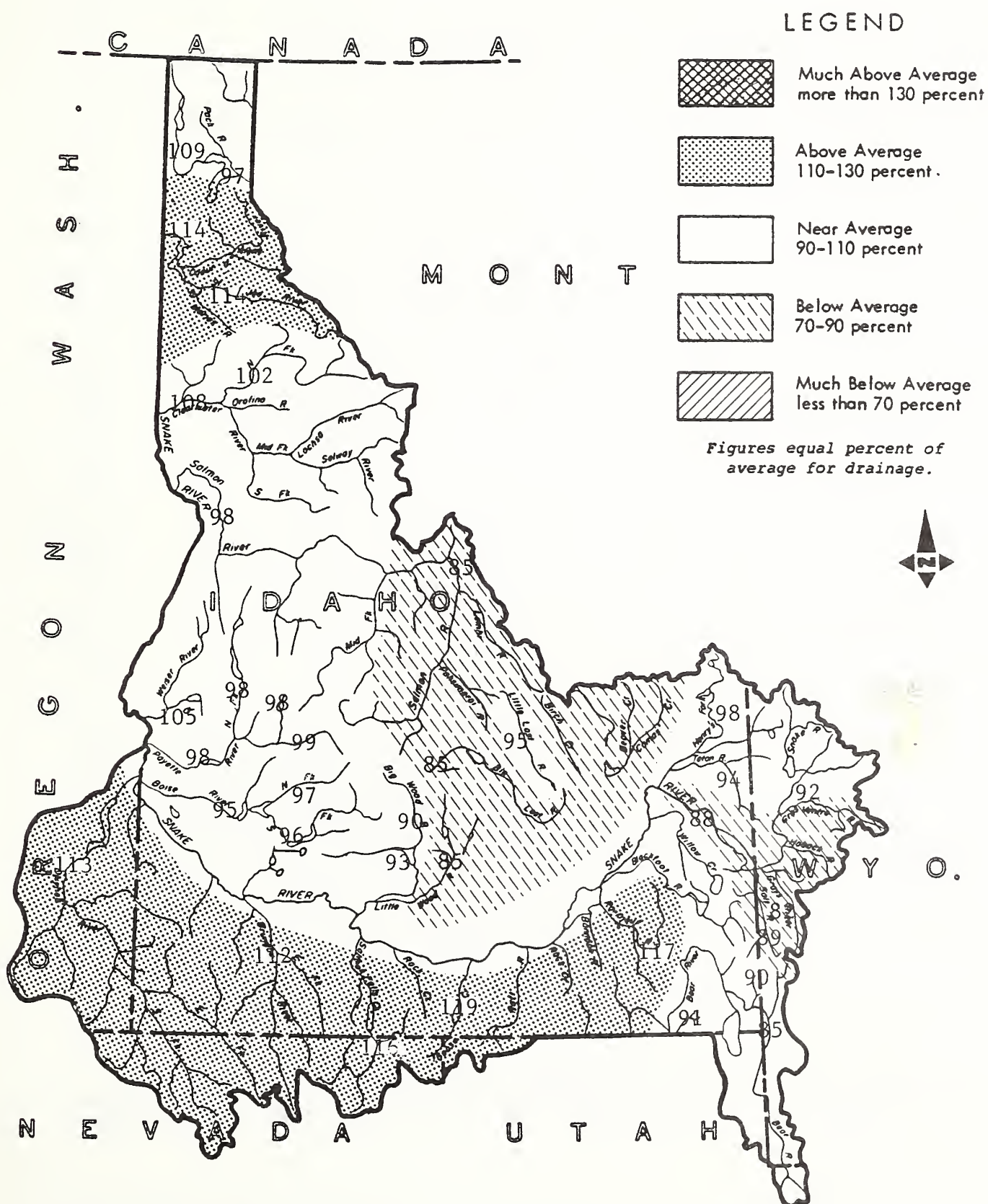


## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT |      | THIS YEAR             |                    |                 | PAST RECORD        |                      |
|-------------------------------------|------|-----------------------|--------------------|-----------------|--------------------|----------------------|
|                                     |      | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |                      |
|                                     |      | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average <sup>†</sup> |
| UPPER COLUMBIA BASIN                |      |                       |                    |                 |                    |                      |
| KOOTENAI RIVER                      |      |                       |                    |                 |                    |                      |
| Leonla                              | (at) | 7990                  | 93                 | Apr-Sep         | --                 | 8602                 |
|                                     |      | 6970                  | 93                 | Apr-Jul         | --                 | 7498                 |
|                                     |      | 5630                  | 93                 | Apr-Jun         | --                 | 6051                 |
| PEND OREILLE RIVER                  |      |                       |                    |                 |                    |                      |
| Clark Fork River                    |      |                       |                    |                 |                    |                      |
| Whitehorse Rapids                   | (at) | 12900                 | 95                 | Apr-Sep         | --                 | 13575                |
|                                     |      | 11700                 | 95                 | Apr-Jul         | --                 | 12351                |
|                                     |      | 10041                 | 95                 | Apr-Jun         | --                 | 10570                |
| Pend Oreille Lake Inflow            |      | 14700                 | 97                 | Apr-Sep         | --                 | 15150                |
| Priest River                        |      |                       |                    |                 |                    |                      |
| Priest River 1/                     | (at) | 961                   | 109                | Apr-Sep         | --                 | 885                  |
|                                     |      | 904                   | 109                | Apr-Jul         | --                 | 832                  |
| SPOKANE RIVER                       |      |                       |                    |                 |                    |                      |
| Post Falls 2/                       | (at) | 3240                  | 114                | Apr-Sep         | --                 | 2848                 |
|                                     |      | 3130                  | 114                | Apr-Jul         | --                 | 2754                 |
| St. Joe River                       |      |                       |                    |                 |                    |                      |
| Calder                              | (at) | 1480                  | 114                | Apr-Sep         | --                 | 1294                 |
|                                     |      | 1390                  | 113                | Apr-Jul         | --                 | 1225                 |
| SNAKE RIVER BASIN                   |      |                       |                    |                 |                    |                      |
| SNAKE RIVER - MAIN STEM             |      |                       |                    |                 |                    |                      |
| Moran 3/                            | (at) | 805                   | 92                 | Apr-Sep         | --                 | 880                  |
| Palisades Inflow 3/                 | (at) | 3387                  | 88                 | Apr-Sep         | --                 | 3793                 |
| Heise 4/                            | (nr) | 3580                  | 88                 | Apr-Sep         | --                 | 4066                 |
|                                     |      | 3050                  | 88                 | Apr-Jul         | --                 | 3465                 |
| Blackfoot 5/                        | (nr) | 4980                  | 90                 | Apr-Sep         | --                 | 5537                 |
|                                     |      | 4020                  | 90                 | Apr-Jul         | --                 | 4465                 |
| Henry's Fork                        |      |                       |                    |                 |                    |                      |
| Ashton 6/                           | (at) | 700                   | 98                 | Apr-Sep         | --                 | 714                  |
|                                     |      | 518                   | 98                 | Apr-Jul         | --                 | 529                  |
| Rexburg 7/                          | (nr) | 1420                  | 96                 | Apr-Sep         | --                 | 1475                 |
|                                     |      | 1110                  | 96                 | Apr-Jul         | --                 | 1153                 |
| Falls River                         |      |                       |                    |                 |                    |                      |
| Squirrel                            | (nr) | 356                   | 97                 | Apr-Jul         | --                 | 366                  |
| Teton                               |      |                       |                    |                 |                    |                      |
| South Leigh Creek                   | (ab) | 182                   | 94                 | Apr-Sep         | --                 | 194                  |
|                                     |      | 136                   | 94                 | Apr-Jul         | --                 | 145                  |
| St. Anthony                         | (nr) | 442                   | 95                 | Apr-Sep         | --                 | 465                  |
|                                     |      | 356                   | 95                 | Apr-Jul         | --                 | 375                  |
| Portneuf River                      |      |                       |                    |                 |                    |                      |
| Topaz                               | (at) | 104.4                 | 117                | Mar-Sep         | --                 | 89.2                 |
|                                     |      | 96                    | 117                | Mar-Jul         | --                 | 82.2                 |
| Oakley Reservoir Inflow             |      |                       |                    |                 |                    |                      |
|                                     |      | 42.5                  | 120                | Mar-Sep         | --                 | 35.4                 |
|                                     |      | 36.0                  | 119                | Apr-Sep         | --                 | 30.2                 |
|                                     |      | 32.5                  | 119                | Apr-Jul         | --                 | 27.2                 |
|                                     |      | 38.8                  | 120                | Mar-Jul         | --                 | 32.4                 |
| Salmon Falls Creek                  |      |                       |                    |                 |                    |                      |
| San Jacinto                         | (nr) | 109.0                 | 116                | Apr-Sep         | --                 | 94.0                 |
|                                     |      | 103.6                 | 116                | Mar-Jul         | --                 | 89.3                 |
|                                     |      | 97.9                  | 116                | Mar-Jun         | --                 | 84.4                 |
| Bruneau River                       |      |                       |                    |                 |                    |                      |
| Hot Springs                         | (nr) | 271                   | 112                | Mar-Sep         | --                 | 243                  |
|                                     |      | 260                   | 112                | Mar-Jul         | --                 | 232                  |

(c) Assuming normal meteorological conditions.

†1961-1980 period



## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT |      | THIS YEAR             |                    |                 | PAST RECORD        |                      |
|-------------------------------------|------|-----------------------|--------------------|-----------------|--------------------|----------------------|
|                                     |      | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |                      |
|                                     |      | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average <sup>†</sup> |
| <u>Little Lost River</u>            |      |                       |                    |                 |                    |                      |
| Howe                                | (nr) | 40.0                  | 95                 | Apr-Sep         | --                 | 42.2                 |
|                                     |      | 31.0                  | 95                 | Apr-Jul         | --                 | 32.6                 |
| Wet Creek                           | (bl) | 36.9                  | 95                 | Apr-Sep         | --                 | 38.8                 |
|                                     |      | 29.8                  | 95                 | Apr-Jul         | --                 | 31.4                 |
|                                     |      | 23.8                  | 95                 | Apr-Jun         | --                 | 25.0                 |
| <u>Big Lost River</u>               |      |                       |                    |                 |                    |                      |
| Howell Ranch                        | (at) | 179.4                 | 85                 | Apr-Sep         | --                 | 211                  |
|                                     |      | 158.1                 | 85                 | Apr-Jul         | --                 | 186                  |
|                                     |      | 122.4                 | 85                 | Apr-Jun         | --                 | 144                  |
| Mackay 8/                           | (at) | 154.6                 | 85                 | Apr-Sep         | --                 | 184                  |
| <u>Big Wood River</u>               |      |                       |                    |                 |                    |                      |
| Bellevue                            | (nr) | 173.7                 | 90                 | Apr-Sep         | --                 | 193                  |
|                                     |      | 162.0                 | 90                 | Apr-Jul         | --                 | 180                  |
| Magic Reservoir Inflow 9/           |      | 284                   | 93                 | Apr-Sep         | --                 | 295                  |
|                                     |      | 271                   | 93                 | Apr-Jul         | --                 | 280                  |
| <u>Little Wood River</u>            |      |                       |                    |                 |                    |                      |
| Carey 10/                           | (nr) | 85.8                  | 85                 | Apr-Sep         | --                 | 101.0                |
|                                     |      | 79.1                  | 85                 | Apr-Jul         | --                 | 93.1                 |
|                                     |      | 70.2                  | 85                 | Apr-Jun         | --                 | 82.6                 |
| <u>Boise River</u>                  |      |                       |                    |                 |                    |                      |
| Twin Springs                        | (nr) | 680                   | 97                 | Apr-Sep         | --                 | 705                  |
|                                     |      | 630                   | 97                 | Apr-Jul         | --                 | 650                  |
| Boise 11/                           | (at) | 1490                  | 95                 | Apr-Sep         | --                 | 1571                 |
|                                     |      | 1380                  | 95                 | Apr-Jul         | --                 | 1454                 |
|                                     |      | 1210                  | 95                 | Apr-Jun         | --                 | 1279                 |
| <u>South Fork</u>                   |      |                       |                    |                 |                    |                      |
| Anderson Dam 12/                    | (at) | 570                   | 97                 | Apr-Sep         | --                 | 590                  |
|                                     |      | 530                   | 96                 | Apr-Jul         | --                 | 551                  |
| <u>Owyhee River</u>                 |      |                       |                    |                 |                    |                      |
| Gold Cr., Nv 13/                    | (nr) | 27.0                  | 113                | Apr-Jul         | --                 | 22.0                 |
| Owyhee, Nv 13/                      | (nr) | 110.0                 | 129                | Apr-Jul         | --                 | 85.4                 |
| Lake Owyhee                         |      | 429                   | 114                | Apr-Sep         | --                 | 376                  |
| net inflow 14/                      |      | 425                   | 113                | Apr-Jul         | --                 | 349                  |
| Rome                                | (at) | 451                   | 120                | Apr-Jul         | --                 | 376                  |
| <u>Payette River</u>                |      |                       |                    |                 |                    |                      |
| Horseshoe Bend 15/                  | (nr) | 1770                  | 98                 | Apr-Sep         | --                 | 1805                 |
|                                     |      | 1635                  | 98                 | Apr-Jul         | --                 | 1668                 |
| <u>North Fork</u>                   |      |                       |                    |                 |                    |                      |
| Cascade 16/                         | (at) | 540                   | 98                 | Apr-Sep         | --                 | 553                  |
|                                     |      | 510                   | 98                 | Apr-Jul         | --                 | 518                  |
| Banks 16/                           | (nr) | 700                   | 98                 | Apr-Sep         | --                 | 712                  |
|                                     |      | 660                   | 98                 | Apr-Jul         | --                 | 671                  |
| <u>South Fork</u>                   |      |                       |                    |                 |                    |                      |
| Lowman                              | (at) | 490                   | 99                 | Apr-Sep         | --                 | 497                  |
|                                     |      | 435                   | 99                 | Apr-Jul         | --                 | 441                  |
| Deadwood Reservoir Inflow           |      | 137                   | 98                 | Apr-Jul         | --                 | 141                  |
| <u>Weiser River</u>                 |      |                       |                    |                 |                    |                      |
| Weiser                              | (nr) | 448                   | 105                | Apr-Sep         | --                 | 427                  |
|                                     |      | 419                   | 105                | Apr-Jul         | --                 | 399                  |

(c) Assuming normal meteorological conditions.

<sup>†</sup>1961-1980 period

## STREAMFLOW FORECASTS

| BASIN, STREAM and/or FORECAST POINT |      | THIS YEAR             |                    |                 | PAST RECORD        |                      |
|-------------------------------------|------|-----------------------|--------------------|-----------------|--------------------|----------------------|
|                                     |      | FORECAST <sup>c</sup> |                    | FORECAST PERIOD | THOUSAND ACRE FEET |                      |
|                                     |      | Thousand Acre Feet    | Percent of Average |                 | Last Year          | Average <sup>†</sup> |
| <u>Salmon River</u>                 |      |                       |                    |                 |                    |                      |
| Whitebird                           | (at) | 6740                  | 98                 | Apr-Sep         | --                 | 6876                 |
|                                     |      | 6090                  | 98                 | Apr-Jul         | --                 | 6211                 |
| Salmon                              | (nr) | 895                   | 85                 | Apr-Sep         | --                 | 1053                 |
|                                     |      | 764                   | 85                 | Apr-Jul         | --                 | 899                  |
| <u>Clearwater River</u>             |      |                       |                    |                 |                    |                      |
| Orofino                             | (at) | 5600                  | 108                | Apr-Sep         | --                 | 5185                 |
|                                     |      | 5360                  | 109                | Apr-Jul         | --                 | 4917                 |
| Spalding                            | (at) | 9140                  | 108                | Apr-Sep         | --                 | 8460                 |
|                                     |      | 8640                  | 108                | Apr-Jul         | --                 | 8000                 |
| <u>North Fork Clearwater</u>        |      |                       |                    |                 |                    |                      |
| Dworshak Reservoir Inflow           |      | 3100                  | 104                | Apr-Sep         | --                 | 2985                 |
|                                     |      | 2860                  | 102                | Apr-Jul         | --                 | 2805                 |
| <u>GREAT BASIN</u>                  |      |                       |                    |                 |                    |                      |
| <u>BEAR RIVER</u>                   |      |                       |                    |                 |                    |                      |
| Harer                               | (at) | 264                   | 85                 | Apr-Sep         | --                 | 310                  |
| <u>Montpelier Creek</u>             |      |                       |                    |                 |                    |                      |
| Montpelier                          | (nr) | 12.5                  | 90                 | Apr-Sep         | --                 | 13.9                 |
| <u>Cub River</u>                    |      |                       |                    |                 |                    |                      |
| Preston                             | (nr) | 47.2                  | 91                 | Apr-Sep         | --                 | 51.8                 |
|                                     |      | 42.6                  | 91                 | Apr-Jul         | --                 | 46.8                 |

1/ Observed flow corrected for storage in Priest Lake.

2/ Observed flow corrected for storage in Coeur d'Alene Lake.

3/ Corrected for storage in Jackson Lake.

4/ Corrected for storage in Jackson Lake and Palisades.

5/ Corrected for storage in Jackson Lake, Palisades, Island Park, Henrys Lake, Grassy Lake and diversions between Heise and Blackfoot.

6/ Corrected for storage in Henrys Lake and Island Park Reservoir.

7/ Corrected for storage in Henrys Lake and Island Park, Grassy Lake and diversions between Ashton and Rexburg.

8/ Observed flow corrected for storage in Mackay Reservoir.

9/ Combined flow Big Wood River nr. Bellevue and Camas Creek nr. Blaine.

10/ Corrected for storage in Little Wood Reservoir.

11/ Corrected for storage in Arrowrock, Anderson Ranch and Lucky Peak.

12/ Corrected for storage in Anderson Ranch Reservoir.

13/ Corrected for storage in Wildhorse Reservoir.

14/ From Bureau of Reclamation records of inflow.

15/ Corrected for storage in Cascade and Deadwood Reservoirs.

16/ Corrected for storage in Cascade Reservoir.

Cooperative forecasts released by the Soil Conservation Service and the National Weather Service.

(c) Assuming normal meteorological conditions.

<sup>†</sup>1961-1980 period

## SNOW

| SNOW COURSE NAME     |           | THIS YEAR      |                     |                        | PAST RECORD            |         |
|----------------------|-----------|----------------|---------------------|------------------------|------------------------|---------|
|                      |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) |         |
|                      |           |                |                     |                        | Last Year              | Average |
|                      | Elevation |                |                     |                        |                        |         |
| ABOVE BURKE          | 4100      | 2/25/85        | 72                  | 23.9                   | 12.0                   | 19.8    |
| ABOVE GILMORE        | 8200      | 2/27/85        | 30                  | 8.0                    | 6.4                    | 8.0     |
| ABOVE ROLAND         | 4350      | 3/01/85        | ---                 | 32.1E                  | --                     | 27.8    |
| AFTON RANGER STATION | 6240      | 2/28/85        | 27                  | 5.8                    | 5.7                    | 4.1     |
| ALLEN RANCH          | 6470      | 3/01/85        | 41                  | 10.0                   | 12.7                   | --      |
| ANTELOPE RIDGE       | 6180      | 3/02/85        | 31                  | 8.8                    | 11.4                   | 6.5     |
| ARIZONA              | 6820      | 2/27/85        | 52                  | 14.5                   | 15.2                   | 17.1    |
| ASPEN GROVE          | 6500      | 3/01/85        | ---                 | 10.9E                  | 11.9                   | 11.0    |
| ASPEN-HALL PASS      | AM 8200   | 2/27/85        | 37                  | 8.3                    | 7.6                    | 8.5     |
| ASTER CREEK          | 7750      | 2/27/85        | 79                  | 26.4                   | 18.5                   | 25.7    |
| ATLANTA SUMMIT       | 7600      | 2/26/85        | 78                  | 26.1                   | 28.9                   | 30.4    |
| ATLANTA TOWNSITE     | 5370      | 2/25/85        | 40                  | 11.1                   | 12.7                   | --      |
| AUSTIN BROTHERS RNCH | 6400      | 3/01/85        | 33                  | 7.0                    | 10.0                   | 8.6     |
| BAD BEAR             | 4940      | 2/27/85        | 43                  | 12.7                   | 15.2                   | 13.1    |
| BADGER GULCH         | 6660      | 2/26/85        | 42                  | 12.4                   | 17.4                   | 10.7    |
| BANNER SUMMIT        | 7040      | 2/25/85        | 73                  | 24.8                   | 22.8                   | --      |
| BASE CAMP            | AM 7030   | 2/28/85        | 51                  | 14.4                   | 12.8                   | 18.4    |
| BATTLE CREEK         | 5720      | 2/28/85        | 17                  | 4.4                    | --                     | 3.3     |
| BEAGLE SPRINGS       | 8850      | 2/23/85        | 28                  | 5.2                    | 5.8                    | 7.2     |
| BEAR BASIN           | 5350      | 3/01/85        | 51                  | 14.2                   | 16.2                   | --      |
| BEAR CANYON          | 7900      | 2/25/85        | 48                  | 12.3                   | 12.5                   | 15.4    |
| BEAR CREEK           | 7800      | 2/27/85        | 55                  | 16.8                   | 29.2                   | 17.9    |
| BEAR MOUNTAIN        | 5400      | 2/26/85        | 136                 | 54.9                   | 32.6                   | 55.3    |
| BEAR SADDLE          | 6180      | 2/24/85        | 68                  | 23.6                   | 25.2                   | --      |
| BEAVERDAM CREEK      | 6120      | 2/27/85        | 32                  | 7.1                    | 9.8                    | --      |
| BENNETT MOUNTAIN     | 6560      | 3/03/85        | 56                  | 16.3                   | 20.1                   | 14.9    |
| BENTON MEADOW        | 2370      | 2/27/85        | 30                  | 10.1                   | 5.0                    | 6.3     |
| BENTON SPRING        | 4920      | 2/27/85        | 60                  | 20.3                   | 18.5                   | 17.3    |
| BIG BEND             | 6700      | 2/27/85        | 27                  | 7.1                    | 15.9                   | 7.7     |
| BIG CREEK SUMMIT     | 6580      | 2/26/85        | 89                  | 31.5                   | 28.8                   | 31.5    |
| BIG SPRINGS          | 6400      | 3/01/85        | 57                  | 16.4                   | 15.0                   | 18.8    |
| BIRCH CREEK          | 6800      | 2/27/85        | 30                  | 7.8                    | 12.1                   | 10.3    |
| BLACK BEAR           | 7950      | 2/28/85        | 90                  | 32.6                   | 30.0                   | 35.3    |
| BLACK CANYON         | 7960      | 3/01/85        | ---                 | 31.9E                  | 26.6                   | 33.2    |
| BLACK MOOSE          | 8160      | 3/01/85        | ---                 | 33.7E                  | 23.8                   | 35.1    |
| BLACKROCK            | 8900      | 2/28/85        | 55                  | 14.8                   | 16.1                   | 18.7    |
| BLIND BULL SUMM      | AM 8650   | 2/26/85        | 60                  | 17.4                   | 18.0                   | 23.8    |
| BLOODY DICK          | 7600      | 2/28/85        | 38                  | 9.7                    | 9.2                    | 12.1    |
| BLUE RIDGE           | 6780      | 2/27/85        | 55                  | 19.0                   | 22.2                   | 16.0    |
| BOGUS BASIN          | 6340      | 2/28/85        | 62                  | 22.0                   | 26.3                   | 20.5    |
| BOGUS BASIN ROAD     | 5540      | 2/28/85        | 21                  | 6.9                    | 11.6                   | 5.4     |
| BONE                 | 6200      | 2/27/85        | 32                  | 7.8                    | 8.3                    | 7.3     |
| BORAH                | 6200      | 2/27/85        | 22                  | 4.4                    | 6.2                    | 4.7     |
| BOSTETTER R.S.       | 7500      | 2/26/85        | 58                  | 17.9                   | 28.2                   | 17.3    |
| BOULDER CREEK        | 5440      | 2/27/85        | 56                  | 19.0                   | 19.0                   | 21.0    |
| BOYER MOUNTAIN       | 5250      | 3/04/85        | 66                  | 23.3                   | 20.9                   | 22.6    |
| BOY SCOUT CAMP       | 7740      | 2/26/85        | 46                  | 13.4                   | 23.0                   | 12.6    |
| BREEZY SADDLE        | 5010      | 2/26/85        | 96                  | 30.3                   | 16.5                   | --      |
| BROCKMAN STATION     | 6430      | 2/27/85        | 36                  | 9.2                    | 12.8                   | 8.7     |
| BRUNDAGE MOUNTAIN    | 7560      | 3/01/85        | ---                 | 40.1E                  | 31.5                   | 40.7    |
| BRUNO CREEK          | 7920      | 3/05/85        | 55                  | 16.1                   | 14.0                   | --      |
| BRYAN FLAT           | 6420      | 2/25/85        | 39                  | 9.0                    | 8.0                    | 8.7     |
| BULL BASIN           | AM 5460   | 2/28/85        | 7                   | 1.7                    | --                     | 1.2     |
| BUNCHGRASS MDWSNOTEL | 5000      | 3/01/85        | ---                 | 21.7                   | 23.0                   | 23.1    |
| CAMAS CREEK DIVIDE   | 5710      | 3/03/85        | 45                  | 12.8                   | 16.1                   | 9.9     |
| CAMP CREEK           | 6580      | 2/28/85        | 34                  | 8.2                    | 6.9                    | 9.3     |
| CAYUSE AIRSTRIP      | 3500      | 2/26/85        | 42                  | 11.9                   | 7.7                    | 11.4    |
| CCC CAMP             | 7000      | 2/25/85        | 45                  | 11.4                   | 11.9                   | 11.4    |
| CEDAR CREEK          | 6820      | 2/27/85        | 39                  | 10.6                   | 18.4                   | 9.3     |
| CHILCO RIDGE         | 3650      | 2/25/85        | 35                  | 11.0                   | 3.6                    | 6.7     |
| CHIMNEY CREEK        | 6400      | 3/02/85        | 46                  | 12.5                   | 16.3                   | --      |
| CLEAR CREEK MEADOWS  | 9420      | 2/26/85        | 54                  | 14.9                   | 22.6                   | 17.9    |
| CLIFF CANYON         | 7200      | 2/25/85        | 37                  | 10.5                   | 12.4                   | 8.1     |
| COLD SPRINGS         | 7000      | 2/27/85        | 59                  | 18.1                   | 23.8                   | --      |
| COLUMBIA BASIN       | AM 6650   | 2/28/85        | 26                  | 7.0                    | 21.1                   | 8.4     |
| CONIE RIDGE          | 3900      | 2/25/85        | 38                  | 12.3                   | 4.5                    | 7.9     |
| COOL CREEK           | 6250      | 2/26/85        | 132                 | 47.0                   | --                     | --      |
| COPES CAMP           | 7520      | 2/27/85        | 31                  | 6.9                    | 6.1                    | 6.6     |
| COPPER BASIN         | 7640      | 2/25/85        | 28                  | 6.5                    | 7.4                    | 8.0     |
| COPPER RIDGE         | 4820      | 2/26/85        | 84                  | 31.2                   | 20.5                   | 24.2    |
| CORNER CREEK         | 3150      | 2/25/85        | 38                  | 11.9                   | 7.1                    | 6.4     |
| COTTONWOOD LK        | AM 7600   | 2/26/85        | 50                  | 13.0                   | 15.1                   | 16.9    |

(b) 1961-1980, 20 year period.

(e) Snow course data estimated from automated Snotel readings.

(AM) Aerial Marker

## SNOW

| SNOW                 |           | THIS YEAR         |                        |                           | PAST RECORD            |         |
|----------------------|-----------|-------------------|------------------------|---------------------------|------------------------|---------|
|                      |           | Date<br>of Survey | Snow Depth<br>(Inches) | Water Content<br>(Inches) | Water Content (inches) |         |
| SNOW COURSE NAME     | Elevation |                   |                        |                           | Last Year              | Average |
| COUCH SUMMIT         | 6840      | 3/02/85           | 53                     | 14.4                      | 18.2                   | 16.7    |
| COZY COVE            | 5380      | 2/25/85           | 48                     | 14.4                      | 14.0                   | 15.0    |
| CRATER MEADOWS       | 5960      | 2/26/85           | 101                    | 35.8                      | 25.9                   | 37.9    |
| CRAWFORD R.S.        | 4860      | 2/26/85           | 34                     | 8.8                       | 7.7                    | 7.4     |
| CROOKED FORK         | 3610      | 3/01/85           | 38                     | 11.5                      | 9.1                    | 12.4    |
| CUB RIVER R.S.       | 5450      | 2/25/85           | 33                     | 8.3                       | 14.5                   | 8.6     |
| DAD CREEK LAKE       | 8400      | 2/23/85           | 39                     | 9.3                       | 9.6                    | 11.5    |
| DANIELS CREEK        | 6270      | 2/25/85           | 32                     | 7.6                       | 8.8                    | 5.0     |
| DARBY CANYON         | 8250      | 2/27/85           | 64                     | 20.8                      | 22.2                   | 19.7    |
| DARKHORSE LAKE       | 8600      | 2/24/85           | 61                     | 21.3                      | 17.8                   | 22.6    |
| DEADLINE             | 7400      | 2/27/85           | 59                     | 18.6                      | 29.8                   | 18.8    |
| DEADLINE SOUTH       | 7450      | 2/27/85           | 64                     | 20.1                      | 33.2                   | 23.2    |
| DEADMAN GULCH        | 5600      | 2/27/85           | 56                     | 17.2                      | 19.9                   | 14.7    |
| DEADWOOD AIRSTRIP    | 5360      | 3/01/85           | ---                    | 13.4E                     | 15.0                   | 14.3    |
| DEADWOOD SUMMIT      | 6860      | 2/25/85           | 99                     | 35.8                      | 32.3                   | 40.6    |
| DEMPSEY CREEK        | 6100      | 3/01/85           | ---                    | 11.2E                     | 11.2                   | 11.0    |
| DOLLARHIDE SUMMIT    | 8420      | 2/26/85           | 58                     | 17.5                      | 21.2                   | 20.7    |
| DOUBLE SPRINGS PASS  | AM 8380   | 2/27/85           | 30                     | 7.6                       | 9.0                    | 9.1     |
| DRY BASIN            | 7820      | 2/25/85           | 75                     | 22.0                      | 35.2                   | 25.0    |
| DRY CREEK FLAT       | 6360      | 2/25/85           | 31                     | 8.6                       | 15.8                   | 7.8     |
| DRY FORK             | 7220      | 3/01/85           | ---                    | 12.3E                     | 16.4                   | 14.3    |
| EAST CREEK           | 7000      | 2/27/85           | 40                     | 10.2                      | 13.2                   | --      |
| EAST RAGGED SADDLE   | 3740      | 2/23/85           | 74                     | 25.4                      | --                     | --      |
| EAST RIM DIVIDE      | 7930      | 2/28/85           | 35                     | 7.4                       | 7.8                    | 12.1    |
| EAST TWIN            | 4130      | 2/27/85           | 50                     | 15.8                      | 7.2                    | 10.3    |
| ELK BUTTE            | 5550      | 2/26/85           | 103                    | 35.4                      | 22.5                   | 33.3    |
| EMIGRANT SUMMIT      | 7390      | 2/26/85           | 65                     | 19.9                      | 29.3                   | 21.9    |
| EMIGRATION CANYON    | 6500      | 2/26/85           | 37                     | 9.9                       | 13.0                   | 9.9     |
| FALL CREEK           | 6820      | 2/27/85           | 31                     | 7.6                       | --                     | --      |
| FAIRVIEW G.S.        | 6750      | 3/01/85           | ---                    | 3.4E                      | 4.0                    | 4.4     |
| FISH LAKE AIRSTRIP   | 5650      | 2/26/85           | 97                     | 32.4                      | 21.0                   | 35.2    |
| FISHPOLE LAKE        | 9300      | 2/25/85           | 45                     | 13.9                      | 18.4                   | 16.6    |
| FORTY-NINE MEADOWS   | 4830      | 2/26/85           | 89                     | 29.0                      | 16.3                   | 26.2    |
| FOUR MILE MEADOWS    | 7860      | 2/28/85           | 38                     | 8.8                       | 8.4                    | 11.5    |
| FOURTH OF JULY SUM.  | 3200      | 2/27/85           | 47                     | 14.9                      | 8.6                    | 8.5     |
| FOX CREEK            | 6800      | 2/27/85           | 41                     | 11.4                      | 15.9                   | 9.7     |
| FRANKLIN BASIN       | 8040      | 2/25/85           | 66                     | 21.9                      | 26.7                   | 21.7    |
| FREDS MOUNTAIN       | 8000      | 3/01/85           | ---                    | 20.7E                     | 21.8                   | 21.5    |
| FRY CANYON           | 6700      | 2/27/85           | 25                     | 6.6                       | 15.6                   | 6.3     |
| GALENA               | 7440      | 2/28/85           | 49                     | 15.2                      | 16.0                   | 17.1    |
| GALENA SUMMIT        | 8780      | 2/28/85           | 58                     | 18.8                      | 20.2                   | 20.1    |
| GARFIELD R.S.        | 6560      | 3/01/85           | 36                     | 8.7                       | 10.8                   | 9.8     |
| GEORGE CREEK, UT     | 8840      | 2/26/85           | 55                     | 15.3                      | 23.5                   | 21.6    |
| GEORGE PEAK          | 9000      | 2/26/85           | 58                     | 16.5                      | 31.0                   | 21.6    |
| GIBBONS PASS         | 7100      | 2/25/85           | 62                     | 18.3                      | 17.0                   | 20.7    |
| GIVEOUT              | 6860      | 2/27/85           | 45                     | 11.2                      | 12.4                   | 11.1    |
| GLADE CREEK          | 7040      | 2/27/85           | 65                     | 20.9                      | 19.4                   | 20.3    |
| GOAT CREEK           | 8800      | 2/27/85           | 51                     | 15.3                      | 26.8                   | 15.6    |
| GOLD CREEK           | 6600      | 2/27/85           | 21                     | 5.4                       | 11.7                   | 5.0     |
| GOLD STONE           | 8100      | 2/28/85           | 44                     | 12.3                      | 12.0                   | 15.1    |
| GRAHAM GUARD STATION | 5690      | 2/25/85           | 49                     | 13.6                      | 14.5                   | 15.2    |
| GRAHAM RANCH         | 6270      | 2/28/85           | 46                     | 12.8                      | 13.8                   | 12.4    |
| GRASSY LAKE          | 7270      | 2/27/85           | 84                     | 29.0                      | 28.4                   | 30.5    |
| GREYS BOUNDARY       | 5720      | 2/28/85           | 40                     | 10.8                      | 12.5                   | 10.6    |
| GROS VENTRE SUMMIT   | 8750      | 2/26/85           | 40                     | 8.6                       | 9.1                    | 10.1    |
| GROVER PARK DIVIDE   | 7000      | 2/25/85           | 39                     | 9.6                       | 12.6                   | 11.2    |
| HEART LAKE TRAIL     | 4800      | 3/01/85           | 69                     | 22.8                      | 13.2                   | 20.3    |
| HEMLOCK BUTTE        | 5810      | 2/26/85           | 126                    | 44.9                      | 29.9                   | 42.0    |
| HILTS CREEK          | 8000      | 2/26/85           | 31                     | 7.5                       | 7.5                    | --      |
| HOODOO BASIN         | 6050      | 3/01/85           | 117                    | 48.2                      | 33.2                   | 44.6    |
| HOODOO CREEK         | 5900      | 3/01/85           | 108                    | 42.1                      | 30.0                   | 41.8    |
| HOWELL CANYON        | 7980      | 2/26/85           | 64                     | 21.0                      | 34.1                   | 21.5    |
| HUCKLEBERRY DIVIDE   | 7300      | 2/27/85           | 58                     | 17.4                      | 16.3                   | 19.2    |
| HUMBOLDT GULCH       | 4250      | 2/25/85           | 54                     | 17.6                      | 8.4                    | --      |
| HUMMINGBIRD SPRINGS  | 8950      | 2/27/85           | 62                     | 18.8                      | 30.1                   | 19.5    |
| HYDE PASTURE         | AM 5760   | 2/28/85           | 27                     | 7.6                       | --                     | 5.3     |
| HYNDMAN CREEK        | 7440      | 2/25/85           | 40                     | 9.8                       | 11.0                   | --      |
| IDAHO CITY TOWNSITE  | 4000      | 2/27/85           | 24                     | 6.4                       | 8.2                    | --      |
| INDIAN GROVE         | 7560      | 2/26/85           | 34                     | 9.2                       | 16.6                   | --      |
| INDIAN MEADOWS       | 8420      | 2/27/85           | 89                     | 31.7                      | 33.4                   | 31.1    |
| IRON BOG             | 7650      | 2/25/85           | 35                     | 8.2                       | 13.6                   | 12.4    |
| IRON MINE CREEK      | 6300      | 3/01/85           | 40                     | 9.9                       | 11.4                   | 9.9     |

(b) 1961-1980, 20 year period.

(e) Snow course data estimated from automated Snotel readings.

(AM) Aerial Marker

## SNOW

| SNOW COURSE NAME     |    | Elevation | THIS YEAR      |                     |                        | PAST RECORD            |         |
|----------------------|----|-----------|----------------|---------------------|------------------------|------------------------|---------|
|                      |    |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) |         |
|                      |    |           |                |                     |                        | Last Year              | Average |
| IRVING CREEK         |    | 7040      | 2/24/85        | 20                  | 4.0                    | 5.0                    | 4.9     |
| ISLAND PARK          |    | 6290      | 3/01/85        | 52                  | 14.6                   | 13.6                   | 15.3    |
| JACKPINE CREEK       |    | 7350      | 2/27/85        | 59                  | 18.6                   | 20.1                   | 19.8    |
| JACKS PEAK           |    | 8420      | 2/27/85        | 62                  | 19.4                   | 37.0                   | 17.8    |
| JACKSON PEAK         |    | 7070      | 2/25/85        | 73                  | 25.2                   | 24.1                   | 26.9    |
| JAKES CREEK          | AM | 7000      | 2/28/85        | 15                  | 3.5                    | 10.2                   | 4.7     |
| JOHNSON CREEK        |    | 6730      | 2/26/85        | 41                  | 10.5                   | 14.2                   | --      |
| KELLOGG PEAK         | AM | 5560      | 2/28/85        | 88                  | 31.6                   | 19.3                   | 28.5    |
| KILGORE              |    | 6320      | 2/27/85        | 34                  | 8.6                    | 11.2                   | 10.7    |
| KIT CARSON PASTURE   |    | 4950      | 2/26/85        | 33                  | 7.8                    | 8.1                    | --      |
| LAKE FORK            |    | 5290      | 2/23/85        | 48                  | 14.3                   | 15.9                   | 14.3    |
| LAKEVIEW CANYON      |    | 6930      | 2/25/85        | 33                  | 7.9                    | 6.8                    | 10.4    |
| LAKEVIEW RIDGE       |    | 7400      | 2/25/85        | 32                  | 7.8                    | 7.0                    | 9.3     |
| LANGFORD FLAT CREEK  |    | 5980      | 2/27/85        | 31                  | 7.7                    | 14.4                   | --      |
| LATHAM SPRINGS       |    | 7630      | 2/27/85        | 70                  | 23.0                   | 25.2                   | 29.4    |
| LAUREL DRAW          |    | 6700      | 2/27/85        | 36                  | 9.7                    | 15.9                   | 7.0     |
| LAVA CREEK           |    | 7350      | 2/27/85        | 48                  | 13.6                   | 17.8                   | 13.6    |
| LEADBELT             |    | 6700      | 2/25/85        | 33                  | 7.5                    | 8.1                    | 8.5     |
| LEATHERMAN PASS      |    | 9860      | 2/27/85        | 49                  | 14.1                   | 17.6                   | 20.1    |
| LEMHI PASS           |    | 7480      | 2/24/85        | 30                  | 6.0                    | 6.1                    | 8.0     |
| LEMHI RIDGE          |    | 8100      | 2/24/85        | 33                  | 7.5                    | 7.2                    | 8.9     |
| LES BOIS             |    | 4900      | 3/03/85        | 55                  | 16.0                   | --                     | --      |
| LEWIS LAKE DIVIDE    |    | 7850      | 2/27/85        | 93                  | 33.4                   | 28.5                   | 36.2    |
| LIBERTY SPRING       |    | 8600      | 2/25/85        | 82                  | 26.4                   | --                     | 32.1    |
| LITTLE BEAVER        |    | 6790      | 2/27/85        | 51                  | 13.3                   | 15.5                   | 13.9    |
| LITTLE CAMAS FLAT    |    | 4940      | 3/03/85        | 30                  | 8.7                    | 8.7                    | 5.8     |
| LOGGER SPRINGS       |    | 8120      | 2/26/85        | 52                  | 13.4                   | 22.8                   | --      |
| LOLO PASS            |    | 5240      | 3/01/85        | 77                  | 25.2                   | 17.5                   | 27.4    |
| LOOKOUT              |    | 5140      | 2/25/85        | 98                  | 34.5                   | 19.2                   | 30.4    |
| LOOKOUT BUTTE        | AM | 5650      | 2/28/85        | 0                   | .0                     | --                     | --      |
| LOST GARFIELD        |    | 6600      | 3/01/85        | ---                 | 3.0E                   | 3.5                    | 3.8     |
| LOST HORSE           |    | 5940      | 2/27/85        | 76                  | 26.7                   | 21.8                   | 29.5    |
| LOST LAKE            |    | 6110      | 2/26/85        | 136                 | 50.0                   | 32.4                   | 48.5    |
| LOST-WOOD DIVIDE     |    | 7900      | 2/25/85        | 55                  | 16.9                   | 17.3                   | 19.9    |
| LOUSE CANYON         | AM | 6440      | 2/28/85        | 23                  | 7.1                    | --                     | 4.1     |
| LOWER ELKHORN        |    | 6960      | 2/25/85        | 41                  | 12.0                   | 16.6                   | 13.1    |
| LOWER HOME CANYON    |    | 7640      | 2/28/85        | 40                  | 10.8                   | 13.6                   | 12.2    |
| JACK CREEK, LOWER    |    | 6800      | 2/27/85        | 16                  | 4.4                    | 17.6                   | 3.6     |
| LOWER PEBBLE         |    | 5780      | 2/27/85        | 46                  | 13.0                   | 13.0                   | 12.1    |
| LOWER SANDS CREEK    |    | 3120      | 2/26/85        | 69                  | 24.8                   | 15.1                   | 17.2    |
| LUCKY DOG            |    | 6860      | 2/27/85        | 60                  | 19.6                   | 20.6                   | 22.2    |
| MADISON PLATEAU      |    | 7750      | 2/28/85        | 60                  | 19.9                   | 15.3                   | 19.4    |
| MAGIC MOUNTAIN       |    | 6880      | 2/27/85        | 56                  | 17.7                   | 27.5                   | 16.4    |
| MANN CREEK           |    | 6080      | 2/24/85        | 66                  | 22.2                   | --                     | 21.2    |
| MASCOT MINE          |    | 7780      | 2/25/85        | 37                  | 9.4                    | 10.6                   | 12.9    |
| MC RENOLDS RESERVOIR |    | 6720      | 2/27/85        | 56                  | 15.8                   | 17.5                   | 17.7    |
| MEADOW LAKE          |    | 9150      | 2/27/85        | 42                  | 11.5                   | 12.4                   | 15.8    |
| MERRIT MOUNTAIN      | AM | 7000      | 2/28/85        | 21                  | 5.6                    | 20.4                   | 5.2     |
| MILL CREEK SUMMIT    |    | 8800      | 2/27/85        | 55                  | 17.7                   | 15.3                   | 19.4    |
| MINK CREEK           |    | 6410      | 2/27/85        | 52                  | 15.1                   | 26.2                   | 15.4    |
| MONTPELIER CREEK     |    | 6540      | 3/01/85        | ---                 | 7.9E                   | 7.8                    | 7.8     |
| MOONSHINE            |    | 7440      | 2/27/85        | 30                  | 7.1                    | 8.5                    | 9.1     |
| MOORES CREEK SUMMIT  |    | 6100      | 2/28/85        | 78                  | 26.8                   | 26.8                   | 28.2    |
| MOOSE CREEK          |    | 6200      | 2/27/85        | 47                  | 13.0                   | 15.6                   | 15.1    |
| MORAN                |    | 6750      | 2/28/85        | 39                  | 9.9                    | 10.6                   | 9.8     |
| MORGAN CREEK         |    | 7600      | 2/27/85        | 39                  | 9.9                    | 9.9                    | 12.3    |
| MORSE CREEK SAWMILL  |    | 7120      | 2/27/85        | 29                  | 5.9                    | 9.6                    | --      |
| MOSCOW MOUNTAIN      |    | 4410      | 2/27/85        | 64                  | 22.6                   | 13.2                   | 15.0    |
| MOSQUITO RIDGE       |    | 5200      | 2/27/85        | 94                  | 36.2                   | 22.4                   | 34.1    |
| MOUNT BALDY          |    | 8920      | 2/26/85        | 55                  | 13.1                   | 17.6                   | 18.1    |
| MUD CREEK            |    | 7100      | 2/27/85        | 62                  | 19.9                   | 23.4                   | 13.7    |
| MUD FLAT             |    | 5730      | 3/02/85        | 29                  | 7.6                    | 9.8                    | 6.1     |
| MULDOON              |    | 6320      | 3/01/85        | 29                  | 6.2                    | 6.3                    | 7.5     |
| NEZ PERCE PASS       |    | 6570      | 2/26/85        | 46                  | 13.4                   | 14.0                   | 15.4    |
| NORTH PUTNAM         |    | 7240      | 3/01/85        | 62                  | 37.0                   | --                     | --      |
| O'NEIL CREEK         |    | 6540      | 2/27/85        | 31                  | 7.8                    | --                     | --      |
| ONE MILE SUMMIT      |    | 7330      | 2/26/85        | 18                  | 5.2                    | 7.6                    | 6.2     |
| OREGON CANYON        | AM | 6950      | 2/28/85        | 24                  | 7.7                    | --                     | 5.0     |
| OXFORD MOUNTAIN      |    | 6800      | 2/25/85        | 35                  | 8.6                    | 15.1                   | 9.7     |
| OXFORD SPRING        |    | 6740      | 2/25/85        | 36                  | 9.1                    | 16.0                   | --      |
| PACKSADDLE SPRING    |    | 8200      | 2/27/85        | 69                  | 25.0                   | 25.9                   | --      |
| PEBBLE CREEK         |    | 6550      | 2/27/85        | 47                  | 12.3                   | 17.3                   | 14.6    |

(b) 1961-1980, 20 year period.

(e) Snow course data estimated from automated Snotel readings.

(AM) Aerial Marker

## SNOW

| SNOW COURSE NAME     |           | THIS YEAR      |                     |                        | PAST RECORD            |         |
|----------------------|-----------|----------------|---------------------|------------------------|------------------------|---------|
|                      |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (Inches) |         |
|                      |           |                |                     |                        | Last Year              | Average |
|                      | Elevation |                |                     |                        |                        |         |
| PERREAU MEADOWS      | 8500      | 2/28/85        | 48                  | 14.2                   | 11.7                   | --      |
| PHILLIPS BENCH       | 8200      | 2/25/85        | 68                  | 20.5                   | 20.1                   | 25.4    |
| PIERCE R. S.         | 3080      | 2/27/85        | 39                  | 11.6                   | 9.2                    | 10.5    |
| PINE CREEK PASS      | 6810      | 2/28/85        | 50                  | 14.2                   | 15.6                   | 15.6    |
| PLACER CREEK         | 5860      | 2/24/85        | 58                  | 17.7                   | --                     | 16.0    |
| POISON MEADOWS       | 8500      | 2/26/85        | 70                  | 19.4                   | 22.9                   | 25.6    |
| POLE CREEK R.S.      | 8330      | 2/27/85        | 58                  | 18.2                   | 28.8                   | 17.4    |
| PRAIRIE              | 4800      | 2/28/85        | 30                  | 8.0                    | 9.0                    | 5.3     |
| PUTNAM               | 7220      | 2/28/85        | 53                  | 15.8                   | 19.5                   | --      |
| RED CANYON AM        | 6650      | 2/28/85        | 24                  | 7.4                    | --                     | 6.5     |
| REDFISH LAKE FLAT    | 6560      | 2/28/85        | 43                  | 11.5                   | 9.7                    | 11.5    |
| ROAD CREEK           | 5380      | 2/26/85        | 36                  | 9.8                    | 11.3                   | 9.2     |
| ROBINSON CREEK RIDGE | 6220      | 2/24/85        | 56                  | 19.6                   | --                     | 17.4    |
| ROCK FLAT SUMMIT     | 5310      | 3/01/85        | 49                  | 13.8                   | 17.1                   | 16.7    |
| RODEO FLAT           | 6800      | 2/27/85        | 28                  | 7.8                    | 17.9                   | 5.1     |
| ROLAND SUMMIT        | 5120      | 3/01/85        | ---                 | 38.0E                  | 20.3                   | 33.8    |
| SADDLE MOUNTAIN      | 7940      | 2/25/85        | 65                  | 19.2                   | 17.4                   | 22.3    |
| SAGE CREEK SADDLE    | 4080      | 2/25/85        | 66                  | 23.6                   | 13.3                   | 16.5    |
| SALT RIVER SUMMIT    | 7700      | 2/28/85        | 48                  | 11.8                   | 13.9                   | 14.5    |
| SAVAGE PASS          | 6170      | 3/01/85        | 72                  | 23.6                   | 16.9                   | 24.3    |
| SAWMILL CANYON       | 7000      | 2/26/85        | 25                  | 5.5                    | 6.1                    | 7.0     |
| SAWTELL MOUNTAIN     | 8720      | 3/01/85        | 80                  | 26.0                   | 27.3                   | 28.8    |
| SCHWARTZ LAKE        | 8540      | 2/27/85        | 36                  | 8.8                    | 8.8                    | 10.6    |
| SCHWEITZER BASIN     | 6090      | 3/01/85        | 110                 | 43.5                   | 31.8                   | --      |
| SCHWEITZER BOWL      | 4800      | 3/01/85        | 72                  | 26.5                   | 19.5                   | 27.4    |
| SCHWEITZER RIDGE     | 6200      | 3/01/85        | 102                 | 39.8                   | 34.6                   | 40.2    |
| SECESH SUMMIT        | 6520      | 2/23/85        | 88                  | 31.4                   | 26.8                   | 30.6    |
| SEDEGWICK PEAK       | 7850      | 2/27/85        | 47                  | 11.5                   | 18.9                   | --      |
| SEVENTYSIX CREEK     | 7100      | 2/27/85        | 35                  | 10.3                   | 21.7                   | 10.5    |
| SHANGHAI SUMMIT      | 4570      | 2/27/85        | 88                  | 29.5                   | 16.2                   | 23.7    |
| SHEEP MOUNTAIN       | 6570      | 2/27/85        | 41                  | 11.8                   | 13.2                   | 12.0    |
| SHERWIN              | 3200      | 3/01/85        | 46                  | 14.2                   | 11.8                   | 13.0    |
| SHOSHONE BASIN       | 5810      | 2/27/85        | 32                  | 7.8                    | 12.8                   | 5.3     |
| SILVER CITY          | 6400      | 2/28/85        | 50                  | 17.0                   | 21.0                   | 13.8    |
| SKITWISH RIDGE       | 5110      | 2/26/85        | 98                  | 37.1                   | 25.0                   | --      |
| SLAG-A-MELT LAKE     | 8750      | 2/24/85        | 64                  | 20.5                   | 17.5                   | 22.3    |
| SLUG CREEK DIVIDE    | 7230      | 2/27/85        | 45                  | 12.2                   | 15.9                   | 15.1    |
| SNAKE RIVER STATION  | 6920      | 2/27/85        | 57                  | 17.2                   | 15.4                   | 18.8    |
| SNOW KING MTN        | 7660      | 2/27/85        | 45                  | 11.4                   | 11.2                   | 13.4    |
| SOLDIER R.S.         | 5740      | 3/02/85        | 47                  | 13.0                   | 14.8                   | 11.3    |
| SOMSEN RANCH         | 6840      | 2/26/85        | 46                  | 12.5                   | 15.1                   | 13.0    |
| SQUAW FLAT           | 6240      | 2/24/85        | 68                  | 22.0                   | 19.5                   | 23.4    |
| SQUAW MEADOW         | 5900      | 2/23/85        | 87                  | 30.9                   | 27.7                   | 31.4    |
| STATE LINE           | 6660      | 2/28/85        | 46                  | 13.5                   | 13.3                   | 12.8    |
| STICKNEY MILL        | 7430      | 2/25/85        | 33                  | 7.4                    | 7.3                    | 8.1     |
| STRAWBERRY CREEK     | 5820      | 2/26/85        | 43                  | 11.8                   | 17.4                   | 9.9     |
| STRAWBERRY-MINK DIV. | 6720      | 2/25/85        | 62                  | 18.0                   | 27.8                   | 19.2    |
| STURGILL RIDGE       | 6680      | 2/24/85        | 74                  | 26.0                   | --                     | 26.6    |
| SUBLETT              | 5950      | 2/26/85        | 37                  | 11.0                   | 16.1                   | 10.1    |
| SUCCOR CREEK AM      | 6100      | 2/28/85        | 27                  | 8.4                    | --                     | 5.9     |
| SULPHUR PEAK         | 7070      | 2/26/85        | 45                  | 12.1                   | 16.9                   | --      |
| SUNSET               | 5540      | 2/26/85        | 76                  | 26.4                   | 24.6                   | 28.6    |
| SWEDE PEAK           | 7640      | 3/01/85        | 50                  | 13.4                   | 14.8                   | 15.0    |
| TARGHEE PASS         | 6980      | 3/01/85        | ---                 | 12.9E                  | 9.3                    | 13.4    |
| TAYLOR CANYON        | 6200      | 2/27/85        | 24                  | 5.9                    | 13.6                   | 4.5     |
| TELFER RANCH         | 5840      | 3/01/85        | 33                  | 7.7                    | 9.6                    | 7.8     |
| TETON PASS W.S.      | 7740      | 2/25/85        | 68                  | 22.7                   | 22.9                   | 22.7    |
| TEX CREEK            | 6650      | 3/01/85        | ---                 | 8.9E                   | 9.2                    | 8.4     |
| THORSON CABIN        | 5320      | 2/24/85        | 47                  | 14.6                   | --                     | 13.2    |
| TOE JAM AM           | 7700      | 2/28/85        | 27                  | 7.6                    | 20.4                   | 8.0     |
| THUMB DIVIDE         | 7980      | 2/27/85        | 59                  | 18.2                   | 12.2                   | 18.1    |
| TOGWOTEE PASS        | 9580      | 2/28/85        | 68                  | 20.5                   | 21.6                   | 25.2    |
| TOPONCE              | 6160      | 2/28/85        | 42                  | 11.5                   | 17.8                   | --      |
| TOUCHET #2 SNOTEL    | 5530      | 3/01/85        | ---                 | 42.3                   | --                     | 24.0    |
| TRAIL CREEK          | 7090      | 2/24/85        | 28                  | 5.6                    | 6.0                    | 7.3     |
| TRINITY MOUNTAIN     | 7770      | 2/26/85        | 89                  | 31.9                   | 35.0                   | 37.4    |
| TRIPOD SUMMIT        | 5260      | 2/26/85        | 57                  | 17.9                   | 18.3                   | 16.4    |
| TURPIN MEADOWS       | 6900      | 2/28/85        | 30                  | 6.5                    | 8.7                    | 9.9     |
| TWELVEMILE CREEK     | 5600      | 2/27/85        | 62                  | 20.5                   | 13.8                   | 20.9    |
| TWIN LAKES           | 6510      | 2/27/85        | 92                  | 33.4                   | 27.2                   | 37.7    |
| TWIN PEAKS           | 9190      | 2/27/85        | 51                  | 16.4                   | 17.6                   | 21.7    |
| TWIN SPIRIT DIVIDE   | 3480      | 2/23/85        | 60                  | 19.5                   | --                     | --      |
| TWITCHELL CANYON     | 6300      | 3/01/85        | 52                  | 16.7                   | 13.7                   | --      |

(b) 1961-1980, 20 year period.

(e) Snow course data estimated from automated Snotel readings.

(AM) Aerial Marker

## SNOW

| SNOW COURSE NAME   |           | THIS YEAR      |                     |                        | PAST RECORD            |                  |
|--------------------|-----------|----------------|---------------------|------------------------|------------------------|------------------|
|                    |           | Date of Survey | Snow Depth (Inches) | Water Content (Inches) | Water Content (inches) |                  |
|                    |           |                |                     |                        | Last Year              | <i>b</i> Average |
|                    | Elevation |                |                     |                        |                        |                  |
| UPPER ELKHORN      | 7140      | 2/25/85        | 52                  | 14.6                   | 20.5                   | 16.8             |
| UPPER HOME CANYON  | 8560      | 2/28/85        | 59                  | 18.4                   | 23.1                   | 20.6             |
| JACK CREEK, UPPER  | 7250      | 2/27/85        | 27                  | 7.5                    | 23.5                   | 7.1              |
| VALLEY VIEW        | 6680      | 3/01/85        | 50                  | 14.4                   | 10.3                   | 15.2             |
| VAUGHT RANCH       | AM 5830   | 2/28/85        | 27                  | 7.6                    | --                     | 3.4              |
| VIPONT             | 7670      | 2/26/85        | 44                  | 11.6                   | 18.0                   | 13.2             |
| VIENNA MINE        | 8960      | 2/26/85        | 76                  | 26.2                   | 27.8                   | 31.4             |
| WEBB CREEK         | 4720      | 2/27/85        | 35                  | 9.5                    | --                     | --               |
| WEBBER CREEK       | 6700      | 2/24/85        | 22                  | 4.4                    | 4.6                    | 4.8              |
| WEST BRANCH        | 5560      | 2/27/85        | 61                  | 20.0                   | 20.5                   | --               |
| WEST TWIN          | 4220      | 2/27/85        | 49                  | 17.0                   | 8.0                    | 9.0              |
| WET CREEK SUMMIT   | 7680      | 2/26/85        | 34                  | 8.7                    | 8.8                    | 10.1             |
| WHISKEY CREEK      | 6800      | 2/28/85        | 56                  | 17.5                   | 13.3                   | 17.9             |
| WHISKEY FLAT       | 6960      | 3/01/85        | --                  | 9.3E                   | 9.3                    | 8.8              |
| WHITE ELEPHANT     | 7710      | 3/01/85        | 62                  | 18.8                   | 16.2                   | 21.0             |
| WILDHORSE DIVIDE   | 6490      | 2/27/85        | 48                  | 13.5                   | 25.8                   | --               |
| WILLOW FLAT        | 6100      | 2/25/85        | 52                  | 14.6                   | 23.5                   | 14.1             |
| WILSON CREEK       | 7500      | 2/27/85        | 48                  | 14.5                   | 24.0                   | 11.0             |
| WOOD CANYON DIVIDE | 7450      | 2/26/85        | 48                  | 14.0                   | 19.0                   | --               |
| WORM CREEK         | 6620      | 2/25/85        | 55                  | 15.3                   | 26.8                   | 17.0             |
| YOUNGS RANCH       | AM 6650   | 2/26/85        | 42                  | 11.3                   | --                     | 16.4             |
| SOUTH MOUNTAIN     | 6500      | 3/03/85        | 44                  | 14.6                   | 21.0                   | 11.9             |

(b) 1961-1980, 20 year period.

(e) Snow course data estimated from automated Snotel readings.

(AM) Aerial Marker

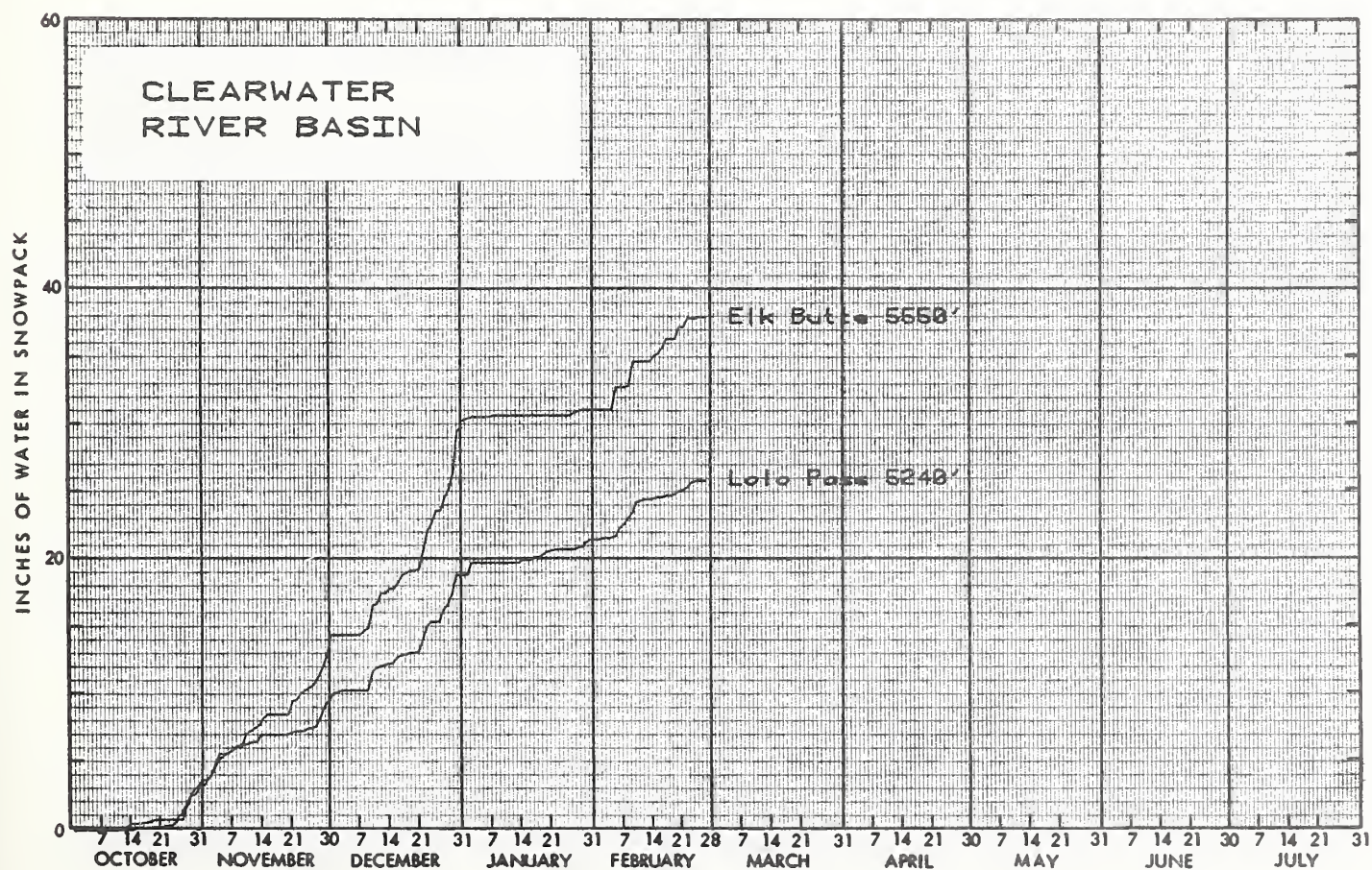
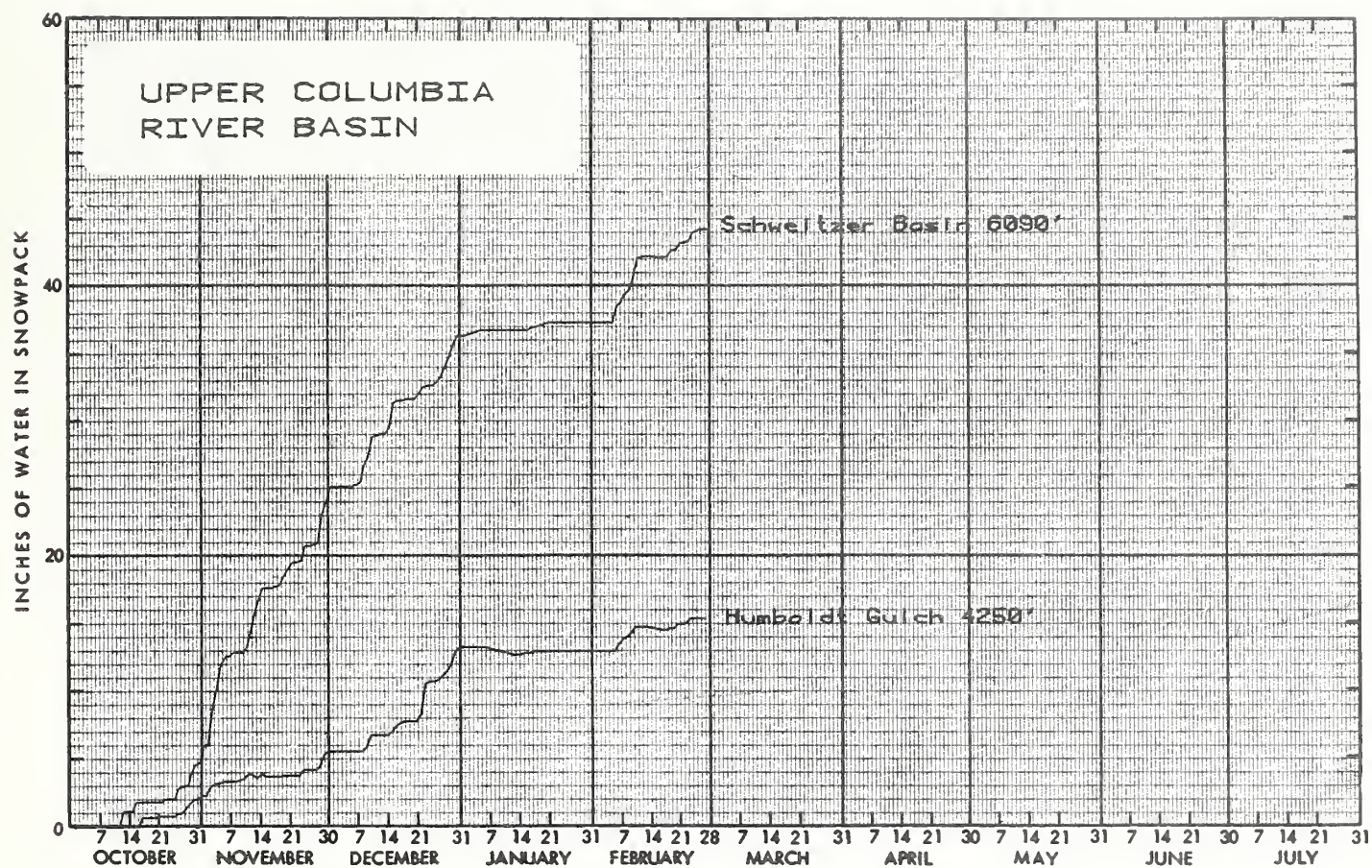
| SNOTEL PILLOW DATA         |                |           | This Year |                           | Past Record  |                     |
|----------------------------|----------------|-----------|-----------|---------------------------|--------------|---------------------|
| Data Site Name             | Drainage       | Elevation | Date      | Water Content<br>(inches) | Last<br>Year | 61-80 1/<br>Average |
| Atlanta Summit             | Boise          | 7580      | 3/1       | 23.1                      | 25.6         | 27.6                |
| Banner Summit              | Payette        | 7040      | 3/1       | 22.3                      | 21.4         | --                  |
| Base Camp                  | Upper Snake    | 7030      | 3/1       | 13.6                      | 12.4         | --                  |
| Bear Basin                 | Little Salmon  | 5350      | 3/1       | 12.8                      | 12.5         | 18.0                |
| Bear Canyon                | Big Lost       | 7900      | 3/1       | 11.1                      | 12.5         | 13.9                |
| Bear Creek                 | Jarbridge      | 7800      | 3/1       | 16.3                      | 30.4         | --                  |
| Bear Mountain              | Clark Fork     | 5400      | 3/1       | 53.8                      | 30.2         | 56.6                |
| Bear Saddle                | Mann Creek     | 6180      | 3/1       | 21.2                      | 23.6         | 20.5                |
| Bennett Mountain           | Canyon Creek   | 6560      | 3/1       | 15.3                      | 24.7         | 16.1                |
| Big Creek Summit           | Salmon         | 6580      | 3/1       | 27.1                      | 23.9         | 28.0                |
| Big Sandy Opening          | Green          | 9080      | 3/1       | 9.5                       | NA           | --                  |
| Blind Bull Summit          | Green          | 8650      | 3/1       | 17.8                      | 18.8         | --                  |
| Bostetter Ranger Station   | Trapper        | 7500      | 3/1       | 16.2                      | NA           | --                  |
| Bunchgrass Meadow          | Pend Oreille   | 5000      | 3/1       | 21.7                      | 20.9         | --                  |
| Cool Creek                 | Clearwater     | 6250      | 3/1       | 43.5                      | --           | --                  |
| Cottonwood Lake            | Salt           | 7600      | 3/1       | 13.4                      | 18.1         | --                  |
| Coulter Creek              | Upper Snake    | 7020      | 3/1       | 16.4                      | NA           | --                  |
| Cozy Cove                  | Deadwood       | 5380      | 3/1       | 16.7                      | 19.1         | 19.3                |
| Crab Creek                 | Camas-Beaver   | 6860      | 3/1       | 12.1                      | 11.7         | --                  |
| Crater Meadows             | Clearwater     | 5960      | 3/1       | 39.3                      | --           | --                  |
| Deadwood Summit            | Deadwood       | 6860      | 3/1       | NA                        | 34.2         | 44.9                |
| Dollarhide Summit          | Big Wood       | 8420      | 3/1       | NA                        | 22.8         | 21.1                |
| Elk Butte                  | Clearwater     | 5550      | 3/1       | 37.5                      | 29.9         | 43.5                |
| Elkhart Park Guard Station | Green          | 9400      | 3/1       | 8.2                       | 11.3         | --                  |
| Emigrant Summit            | Bear           | 7390      | 3/1       | NA                        | 32.6         | 25.3                |
| Franklin Basin             | Cub            | 8170      | 3/1       | NA                        | 30.8         | --                  |
| Galena                     | Big Wood       | 7470      | 3/1       | 14.7                      | 14.9         | 16.9                |
| Galena Summit              | Big Wood       | 8780      | 3/1       | NA                        | NA           | 16.2                |
| Garfield Ranger Station    | Little Wood    | 6560      | 3/1       | 8.3                       | 9.7          | 9.8                 |
| Giveout                    | Montpelier     | 6930      | 3/1       | 12.7                      | 12.6         | 11.9                |
| Goat Creek                 | Salmon Falls   | 8880      | 3/1       | 16.5                      | 27.0         | --                  |
| Graham Guard Station       | Boise          | 5690      | 3/1       | 14.2                      | 16.2         | 17.2                |
| Grassy Lake                | Upper Snake    | 7265      | 3/1       | 26.6                      | 25.9         | --                  |
| Gros Ventre Summit         | Upper Snake    | 8750      | 3/1       | 13.3                      |              |                     |
| Hemlock Butte              | Clearwater     | 5810      | 3/1       | 45.3                      | 32.4         | 47.3                |
| Hilts Creek                | Little Lost    | 8000      | 3/1       | 11.2                      | 11.1         | --                  |
| Howell Canyon              | Marsh Creek    | 7980      | 3/1       | 13.9                      | 28.2         | 18.2                |
| Humboldt Gulch             | Coeur d'Alene  | 4250      | 3/1       | 15.4                      | 6.4          | 14.0                |
| Hyndman                    | Big Wood       | 7440      | 3/1       | 9.5                       | 9.1          | 11.9                |
| Indian Creek               | Green          | 7960      | 3/1       | 18.3                      | 24.6         | --                  |
| Island Park                | Henrys Fork    | 6290      | 3/1       | 13.4                      | 11.2         | 14.8                |
| Jackson Peak               | Boise          | 7070      | 3/1       | 22.1                      | 24.0         | 25.5                |
| Kelly Ranger Station       | Green          | 8180      | 3/1       | 10.7                      | 15.4         | --                  |
| Lewis Lake Divide          | Upper Snake    | 7850      | 3/1       | 26.1                      | 23.4         | --                  |
| Lolo Pass                  | Lochsa         | 5240      | 3/1       | 26.4                      | NA           | 29.2                |
| Lookout                    | Coeur d'Alene  | 5140      | 3/1       | 31.8                      | NA           | 29.2                |
| Loomis Park                | Green          | 8240      | 3/1       | 10.9                      | NA           | --                  |
| Lost Lake                  | Clearwater     | 6110      | 3/1       | 59.1                      | 41.3         | 61.7                |
| Lost-Wood Divide           | Big Lost       | 7900      | 3/1       | 10.0                      | 15.7         | 20.5                |
| Magic Mountain             | Rock Creek     | 6880      | 3/1       | 10.6                      | 27.4         | 16.4                |
| Meadow Lake                | Lemhi          | 9150      | 3/1       | 10.5                      | NA           | --                  |
| Mill Creek Summit          | Salmon         | 8800      | 3/1       | 16.2                      | NA           | 17.9                |
| Moonshine                  | Little Lost    | 7440      | 3/1       | 6.5                       | 7.5          | 9.5                 |
| Moore's Creek Summit       | Boie           | 6100      | 3/1       | 26.0                      | NA           | 29.6                |
| Moose Creek                | N. Fork Salmon | 6200      | 3/1       | 11.3                      | 14.9         | 15.0                |
| Morgan Creek               | Salmon         | 7600      | 3/1       | 10.2                      | 11.2         | 11.9                |
| Mosquito Ridge             | Coeur d'Alene  | 5200      | 3/1       | 34.4                      | 22.7         | 34.3                |
| Mountain Meadows           | Selway         | 6360      | 3/1       | 17.7                      | 21.3         | 26.2                |
| Mud Flat                   | Owyhee         | 5730      | 3/1       | 6.5                       | 11.5         | 5.8                 |
| Oxford Spring              | Malad          | 6740      | 3/1       | 8.7                       | NA           | 11.3                |
| Phillips Bench             | Salmon Falls   | 8200      | 3/1       | 18.6                      | 17.6         | --                  |
| Pole Creek Ranger Station  | Salmon Falls   | 8330      | 3/1       | 16.9                      | 26.3         | --                  |
| Prairie                    | Boise          | 4800      | 3/1       | 5.5                       | 6.8          | 4.2                 |
| Salt River Summit          | Salt           | 7700      | 3/1       | 8.9                       | 12.3         | --                  |
| Savage Pass                | Lochsa         | 6170      | 3/1       | 22.8                      | 16.9         | 25.7                |
| Schweitzer Basin           | Pend Oreille   | 6090      | 3/1       | 44.0                      | 34.5         | 46.2                |
| Secesh Summit              | Payette        | 6520      | 3/1       | 29.9                      | 27.1         | 31.0                |
| Shanghai Summit            | Clearwater     | 4570      | 3/1       | 31.9                      | 19.6         | 25.6                |
| Sheep Mountain             | Willow         | 6570      | 3/1       | 12.1                      | 14.2         | 13.5                |
| Sherwin                    | St. Maries     | 3200      | 3/1       | 14.5                      | 11.0         | 12.0                |
| Slug Creek Divide          | Blackfoot      | 7225      | 3/1       | 13.8                      | 17.6         | 17.1                |
| Snider Basin               | Green          | 8060      | 3/1       | 8.6                       | 10.2         | --                  |
| Somsen Ranch               | Willow Creek   | 6800      | 3/1       | 11.7                      | 14.3         | 12.5                |

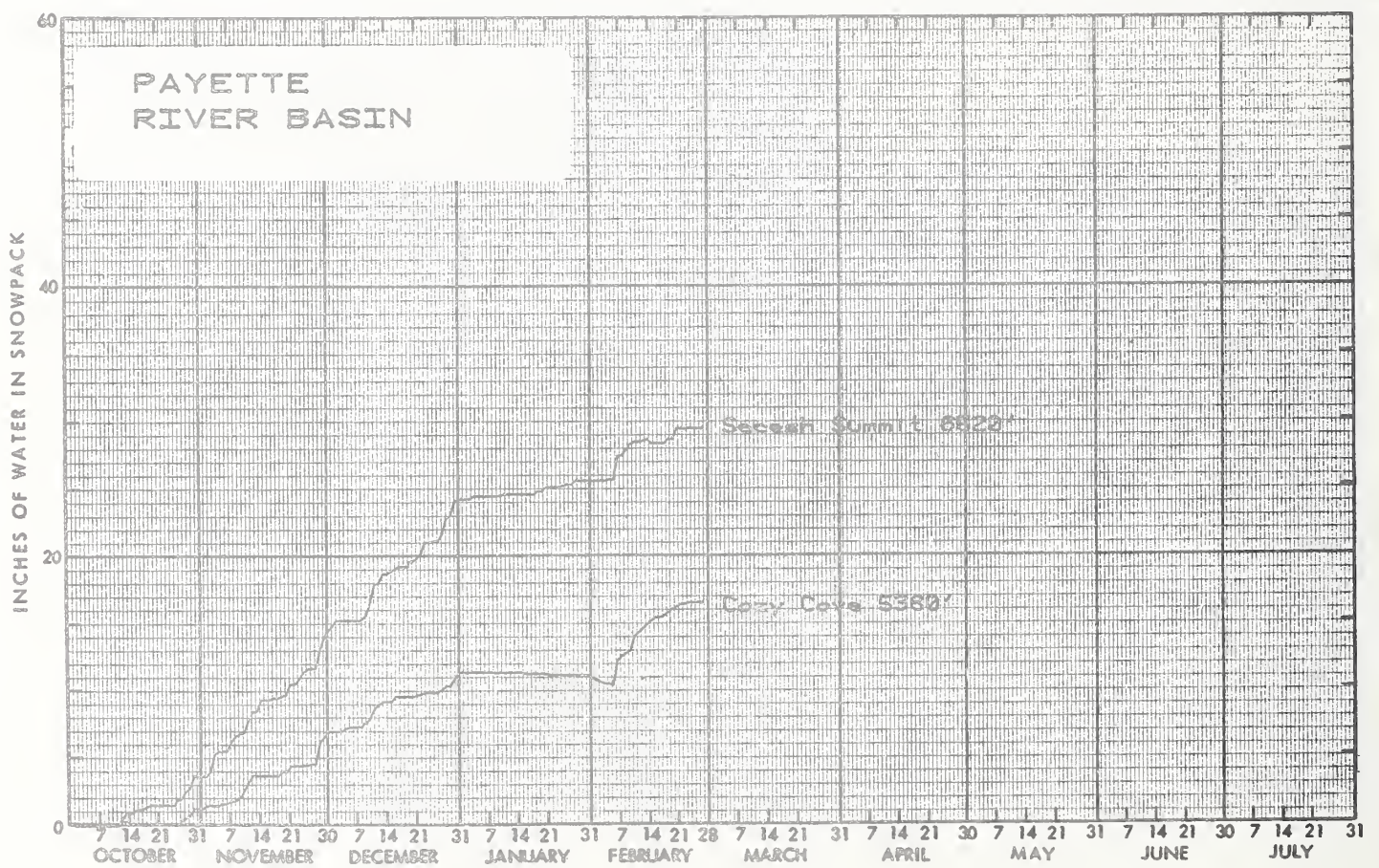
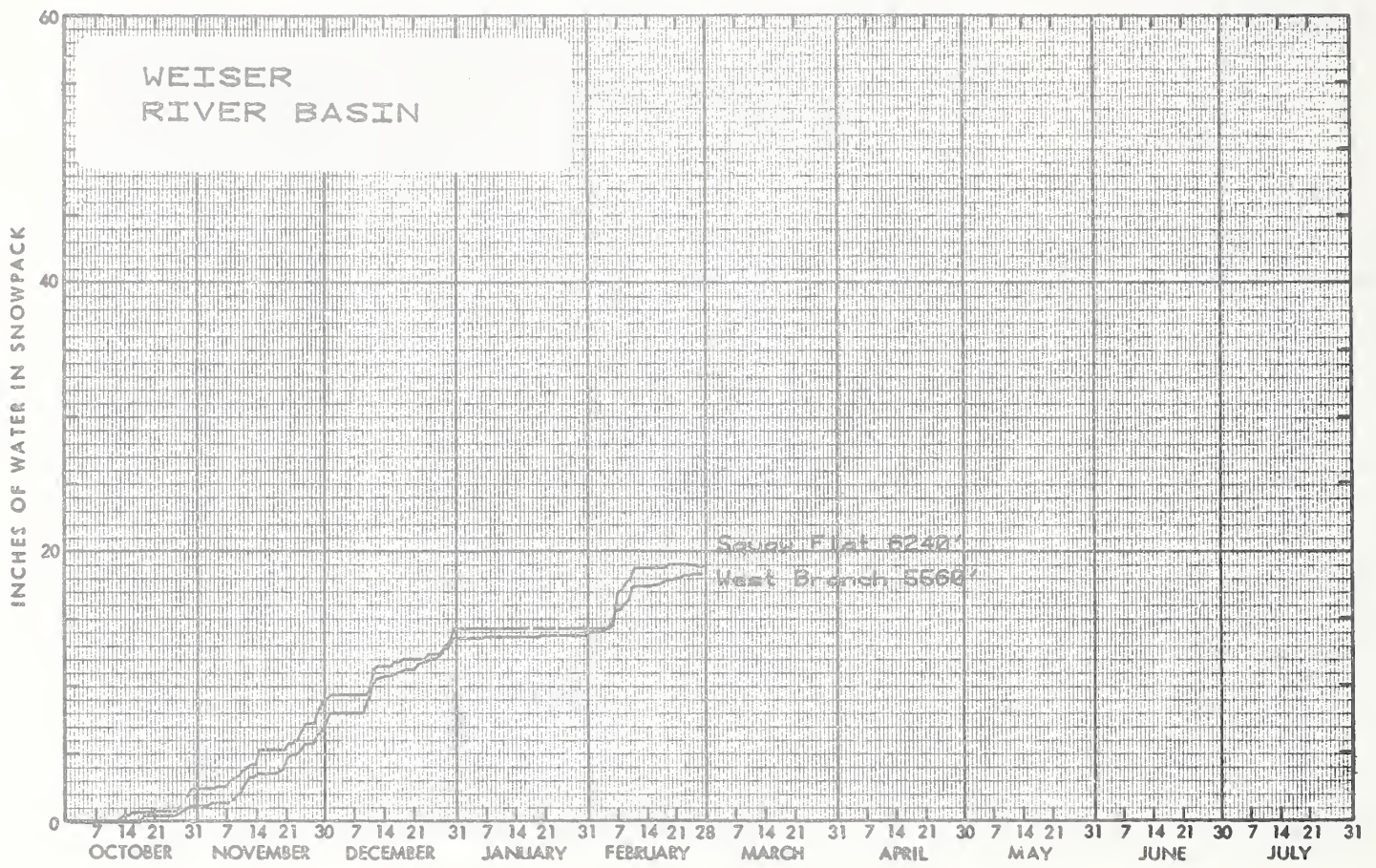
1/ Estimated 1961-1980 20 year average.

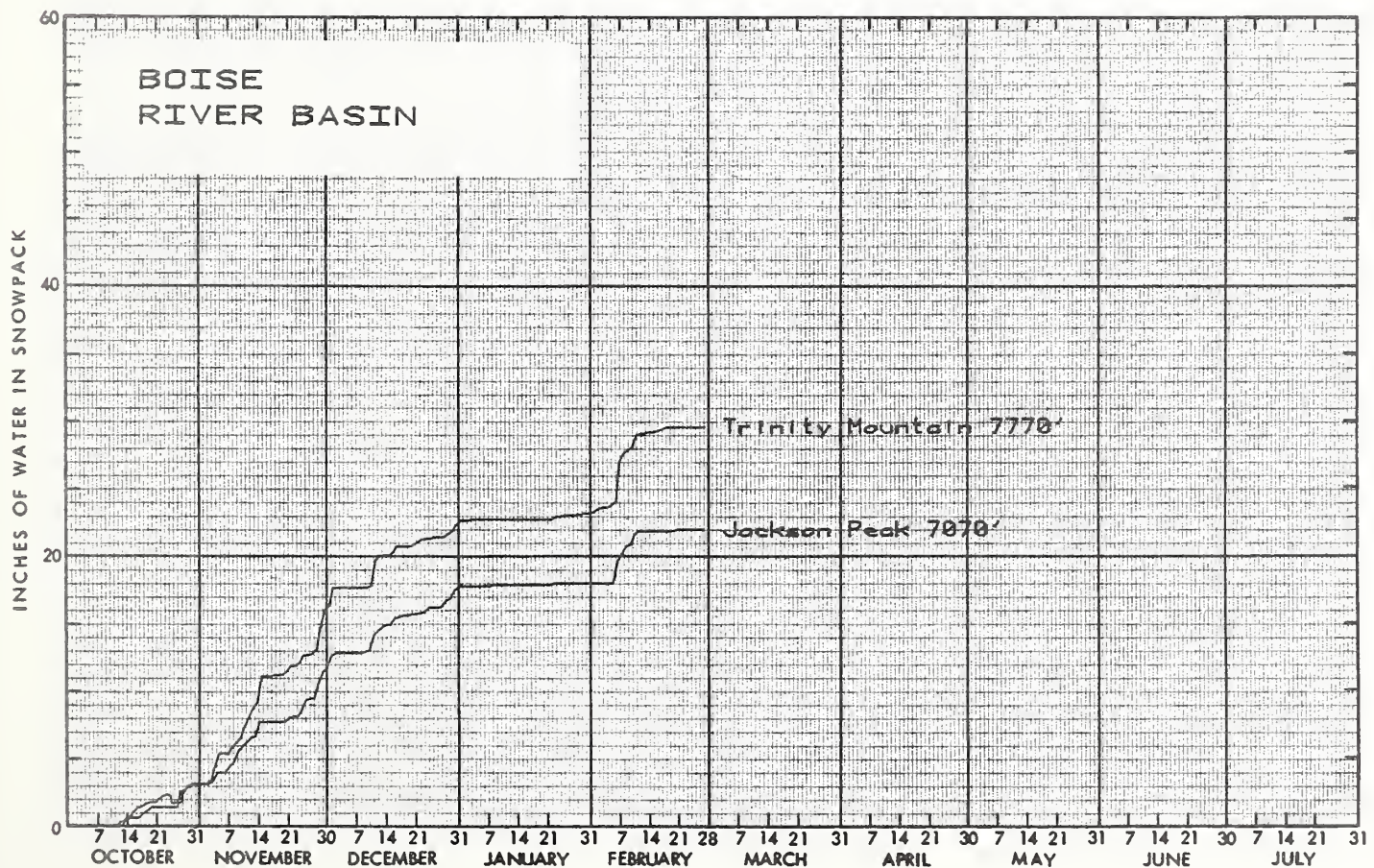
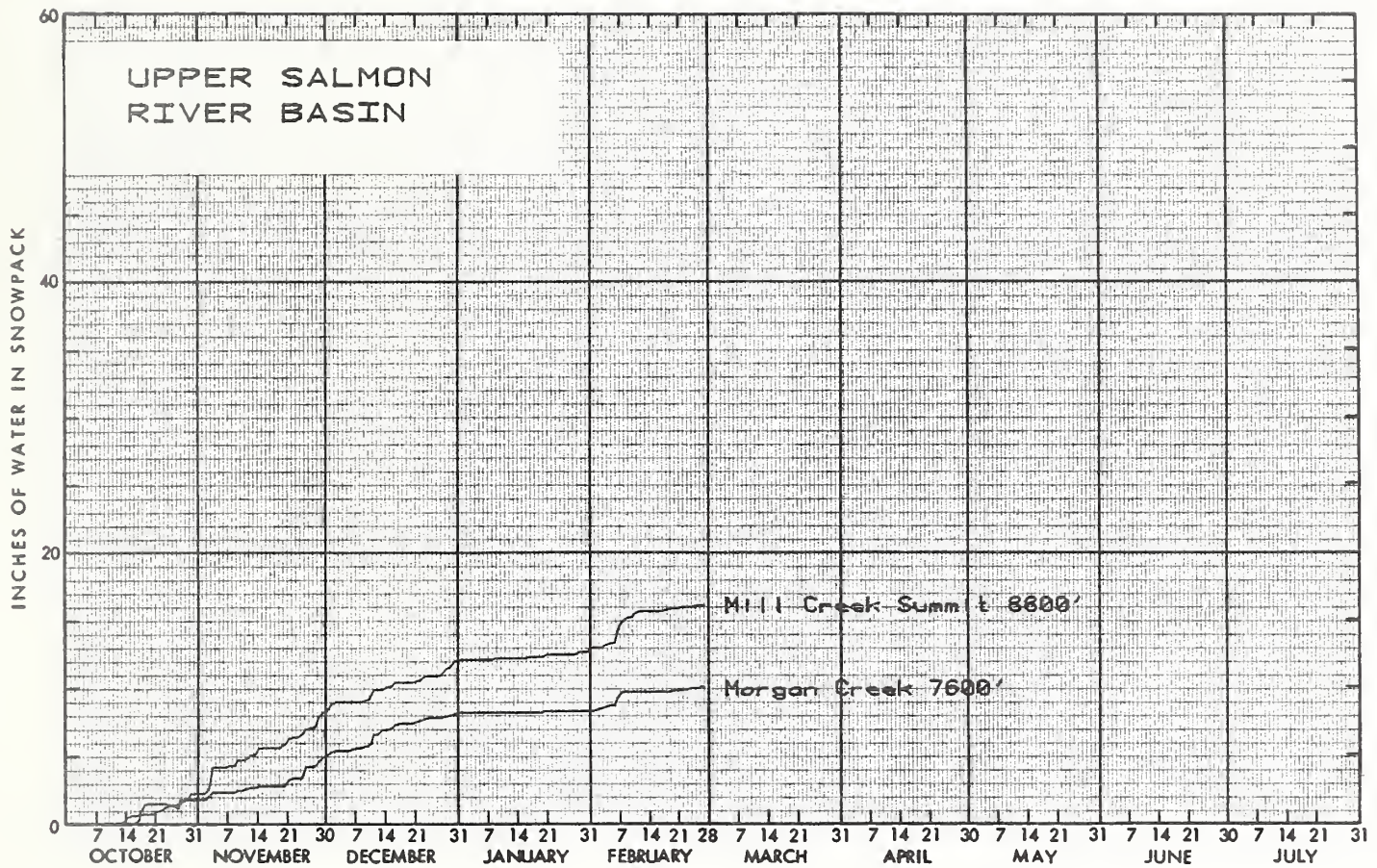
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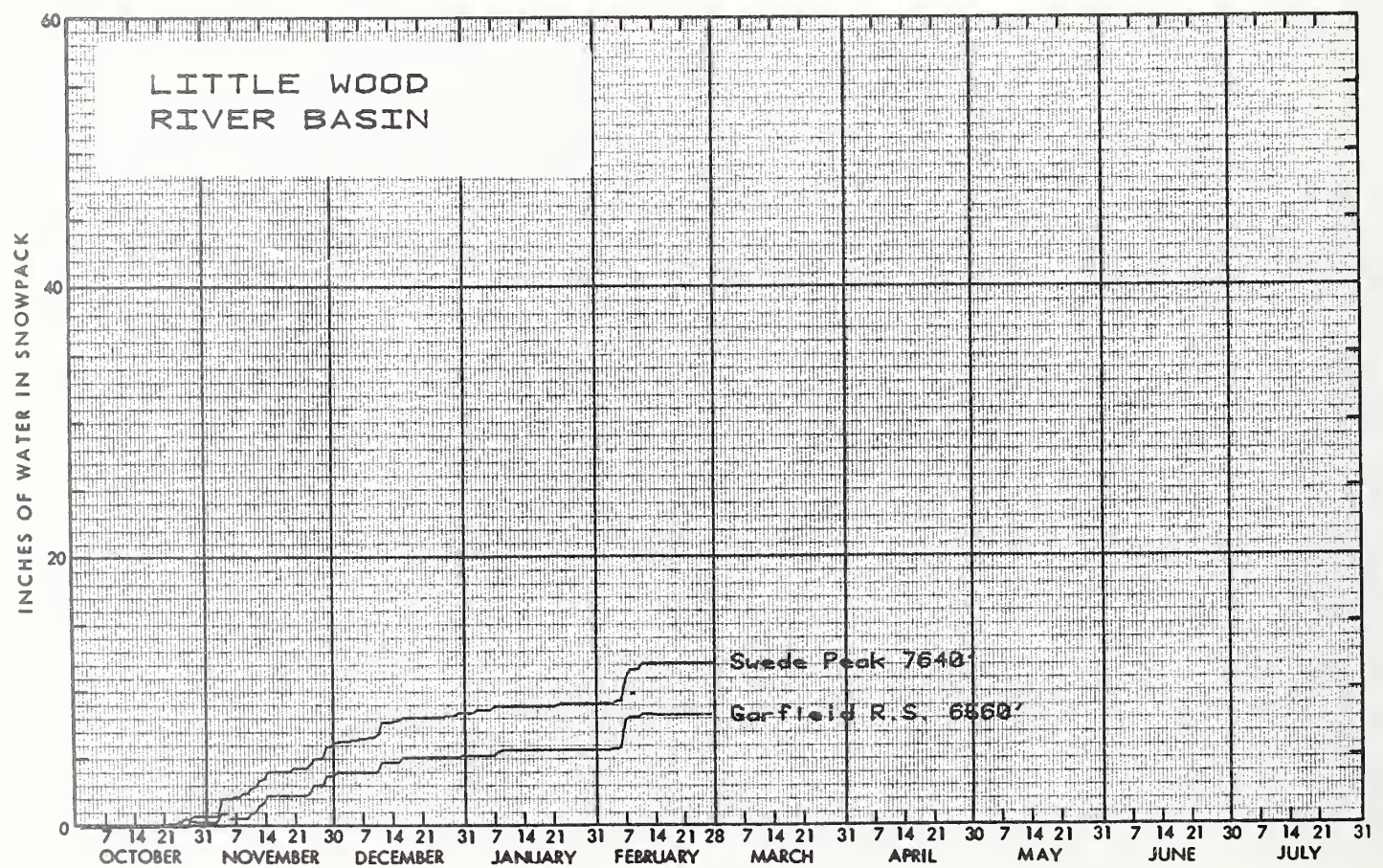
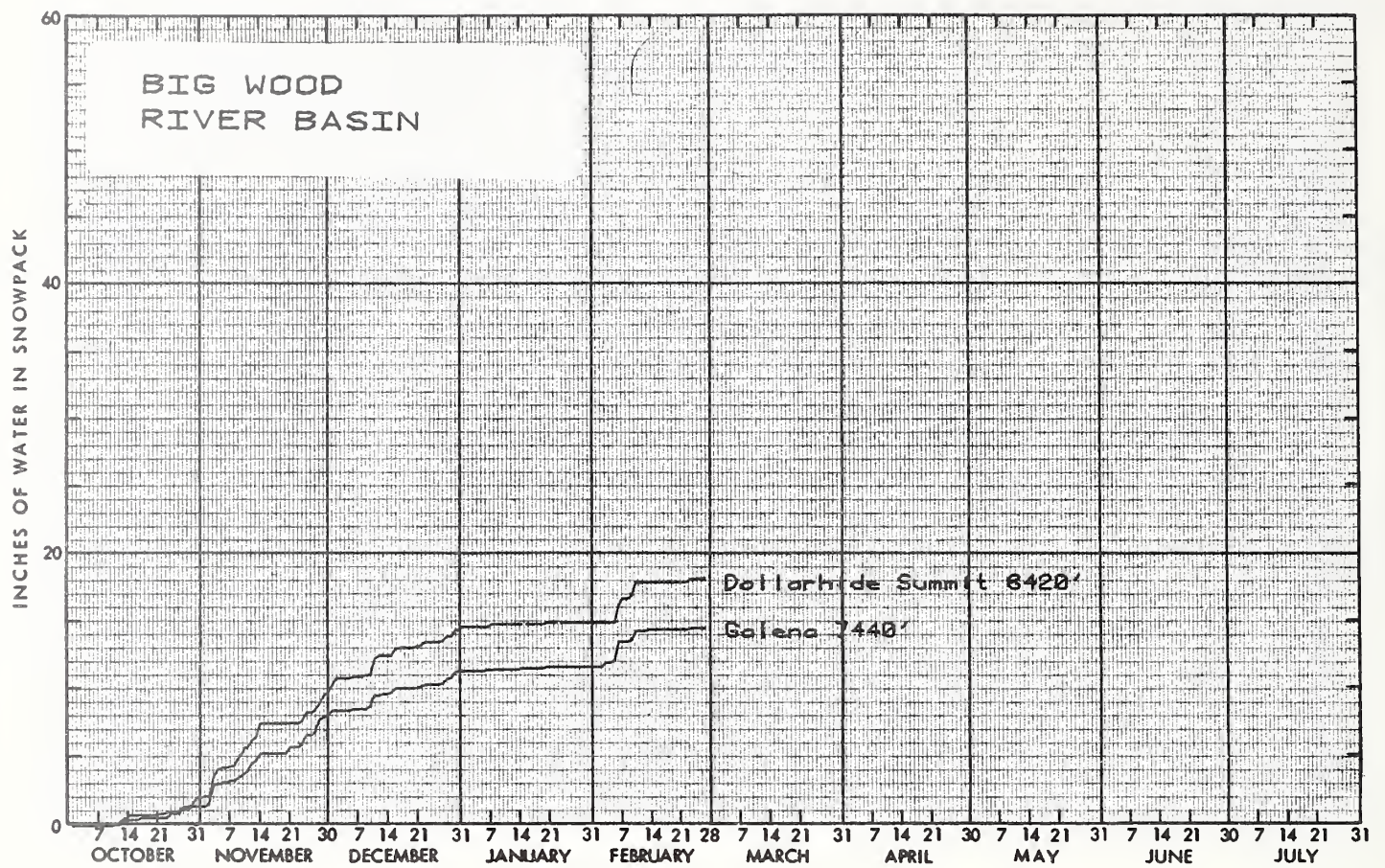
| SNOTEL PILLOW DATA  |               |           | This Year |                           | Past Record  |                             |
|---------------------|---------------|-----------|-----------|---------------------------|--------------|-----------------------------|
| Data Site Name      | Drainage      | Elevation | Date      | Water Content<br>(inches) | Last<br>Year | 61-80 <u>1</u> /<br>Average |
| South Mountain      | Jordan-Owyhee | 6500      | 3/1       | 15.2                      | 27.9         | 12.8                        |
| Spring Creek Divide | Green         | 9000      | 3/1       | 16.2                      | 18.8         | --                          |
| Squaw Flat          | Weiser        | 6240      | 3/1       | 18.9                      | 15.8         | 20.9                        |
| Stickney Mill       | Big Lost      | 7430      | 3/1       | 7.9                       | 7.6          | 7.4                         |
| Sunset              | Coeur d'Alene | 5540      | 3/1       | 30.7                      | NA           | 28.3                        |
| Swede Peak          | Little Wood   | 7640      | 3/1       | 12.3                      | 13.1         | 13.2                        |
| Togwotee Pass       | Upper Snake   | 9580      | 3/1       | 18.0                      | 17.7         | --                          |
| Touchet #2          | Touchet       | 5530      | 3/1       | 42.3                      | NA           | --                          |
| Trinity Mountain    | Boise         | 7770      | 3/1       | 29.9                      | 32.5         | 36.1                        |
| Two Ocean Plateau   | Upper Snake   | 9160      | 3/1       | 18.5                      | 17.8         | --                          |
| Vienna Mine         | Salmon        | 8960      | 3/1       | 25.5                      | 27.8         | 31.3                        |
| West Branch         | Weiser        | 5560      | 3/1       | 18.6                      | 20.5         | 22.9                        |
| White Elephant      | Henry's Fork  | 7710      | 3/1       | 19.3                      | 18.6         | 21.8                        |
| Wildhorse Divide    | Portneuf      | 6490      | 3/1       | NA                        | NA           | --                          |
| Willow Creek        | Greys         | 8450      | 3/1       | 19.3                      | 31.7         | --                          |

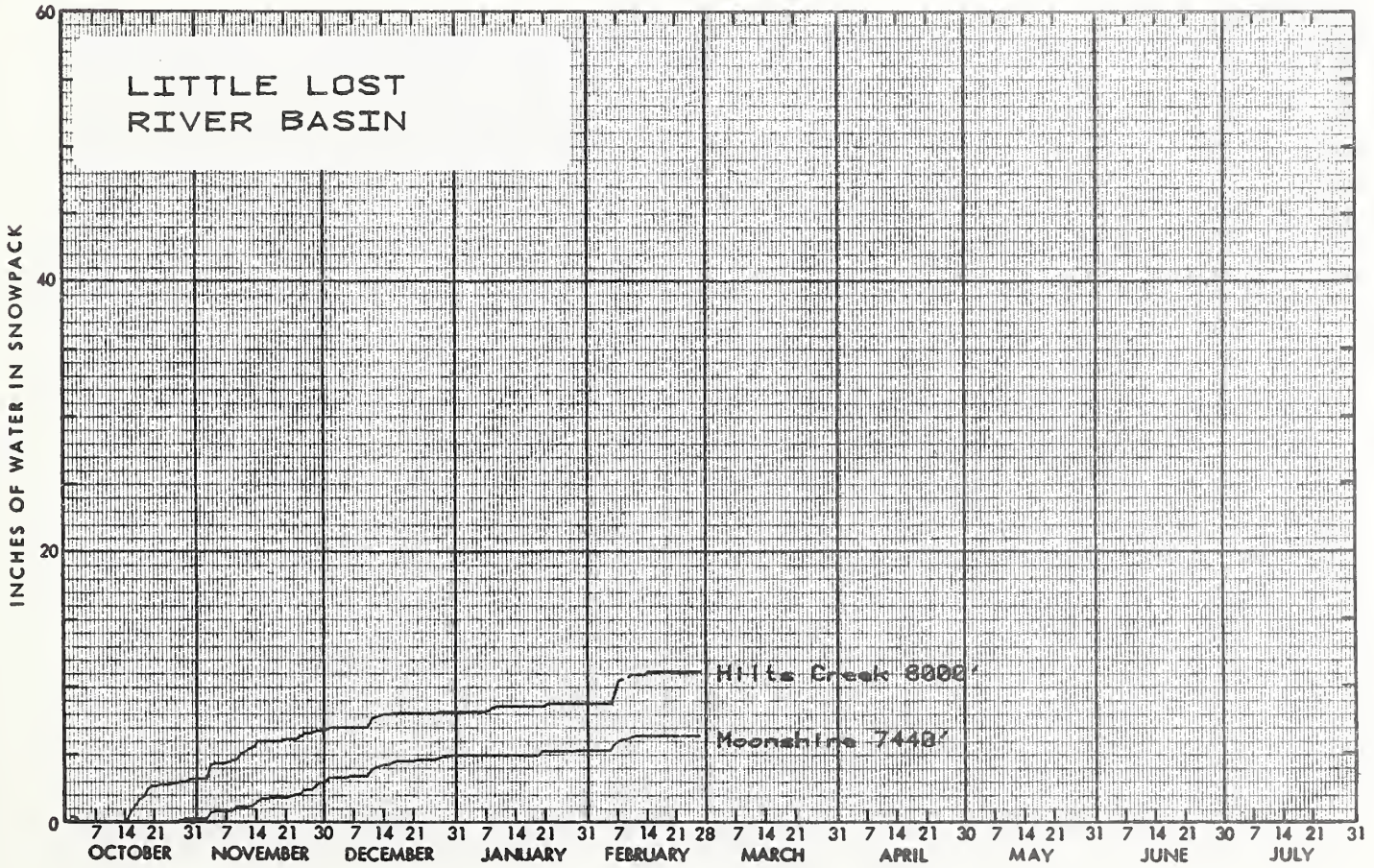
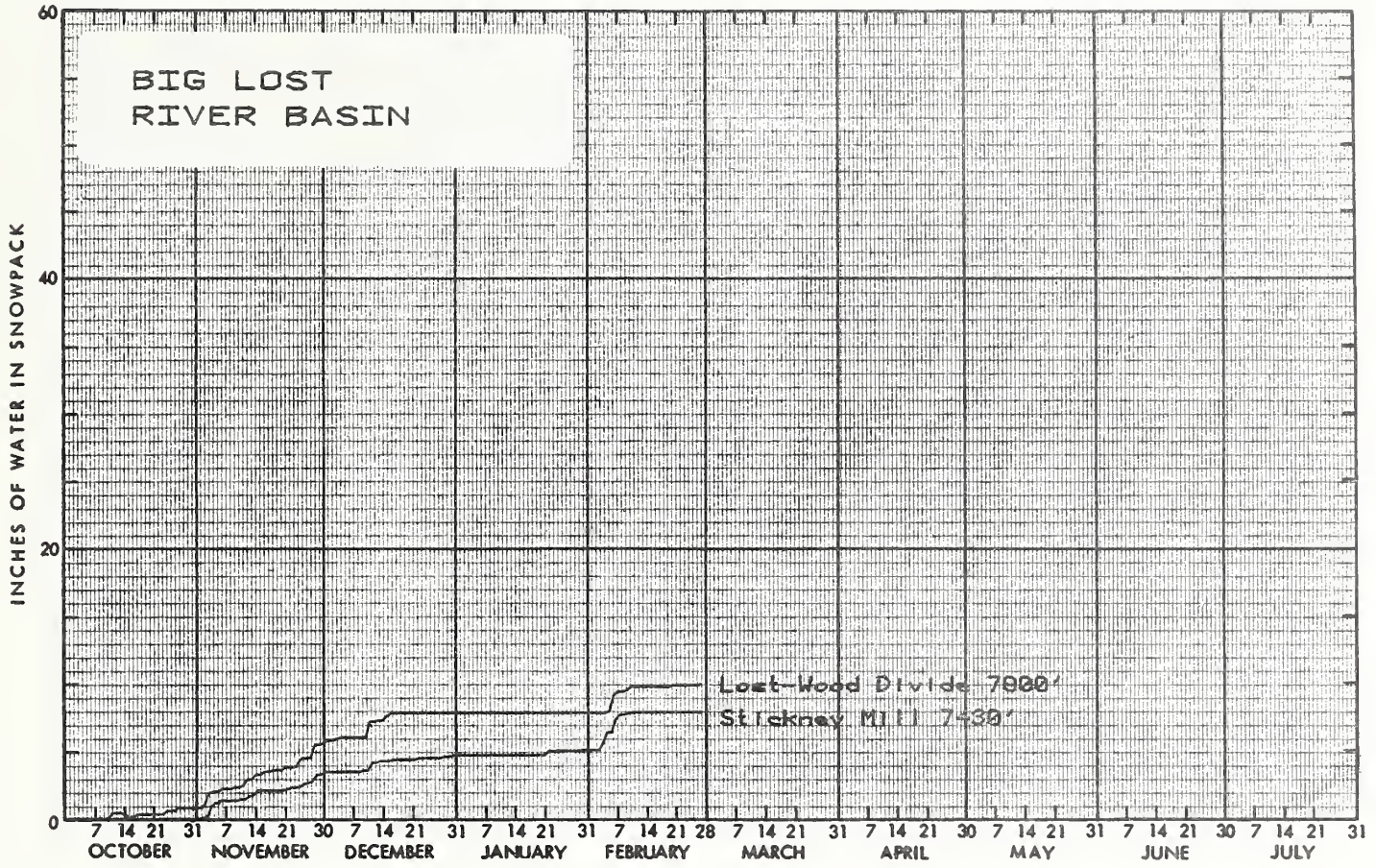
1/ Estimated 1961-1980 20 year average.  
 NA Data not available

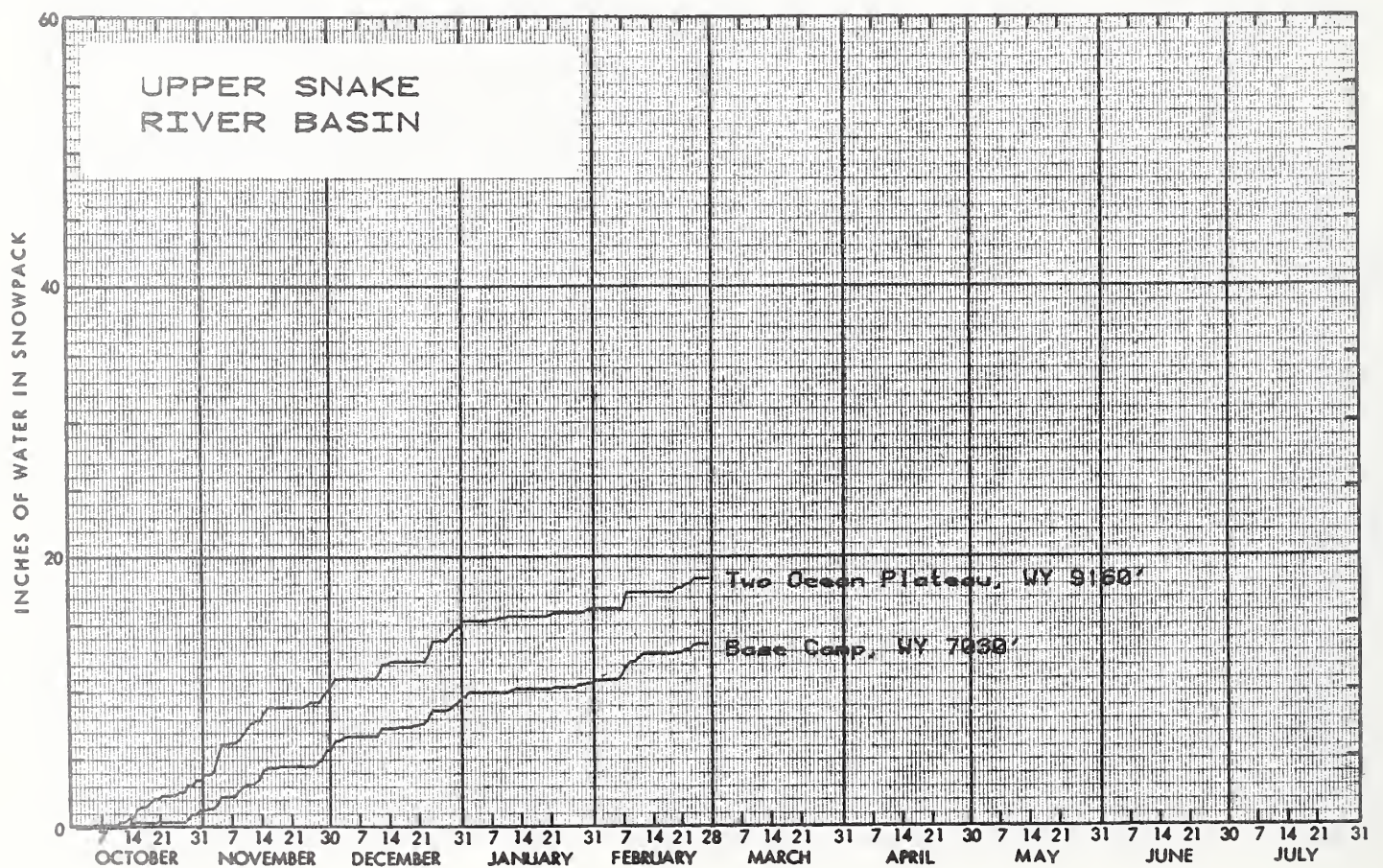
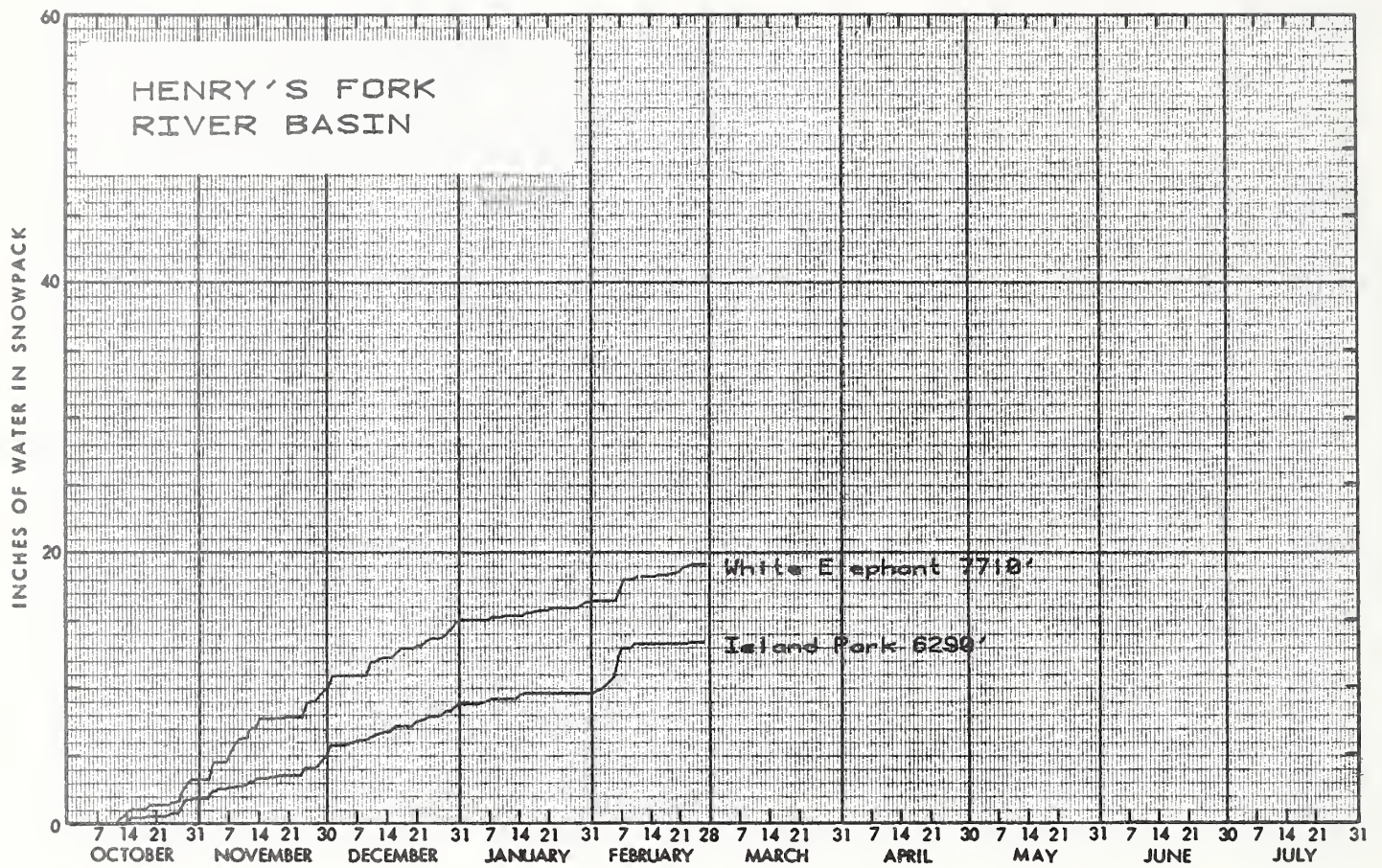


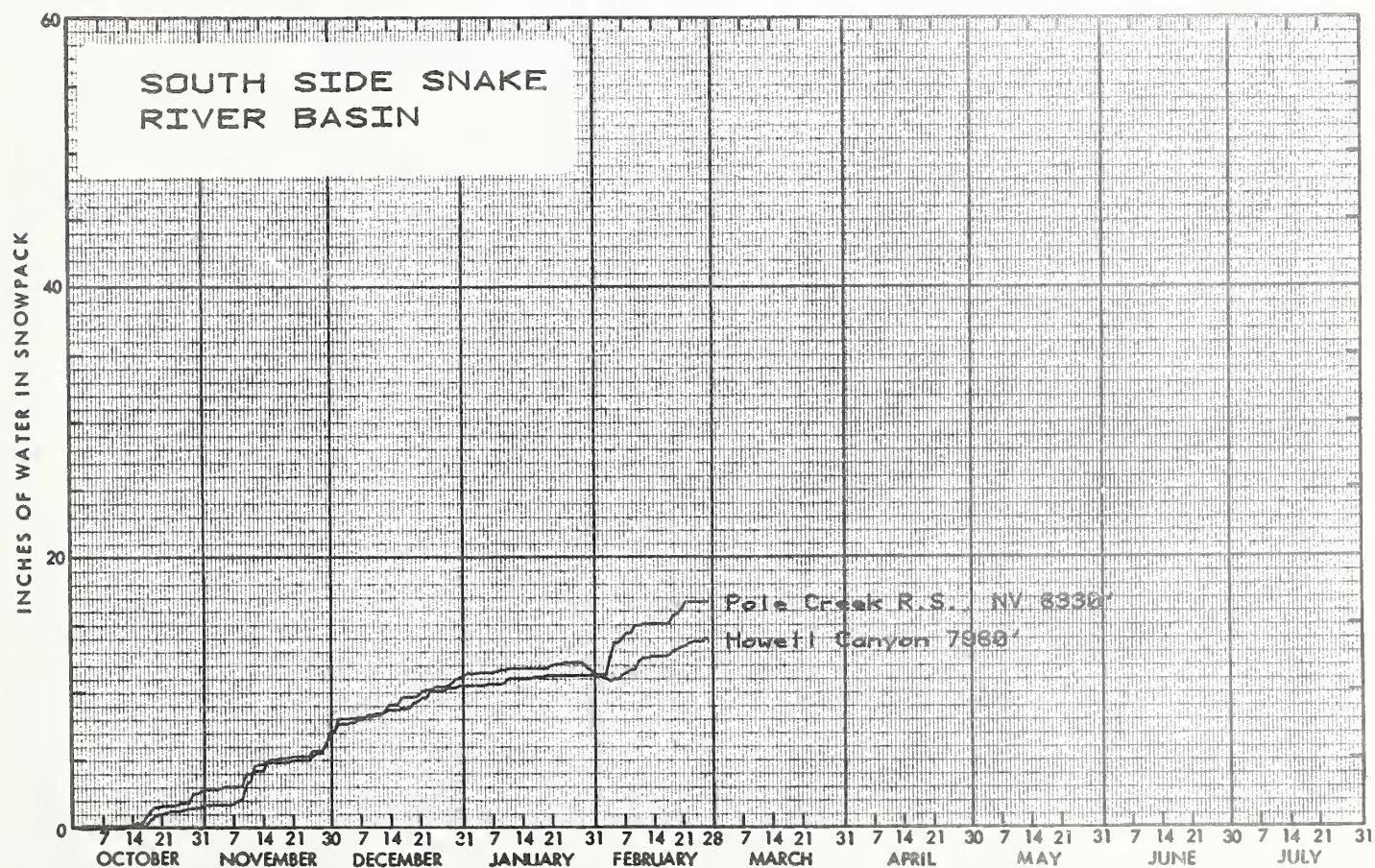
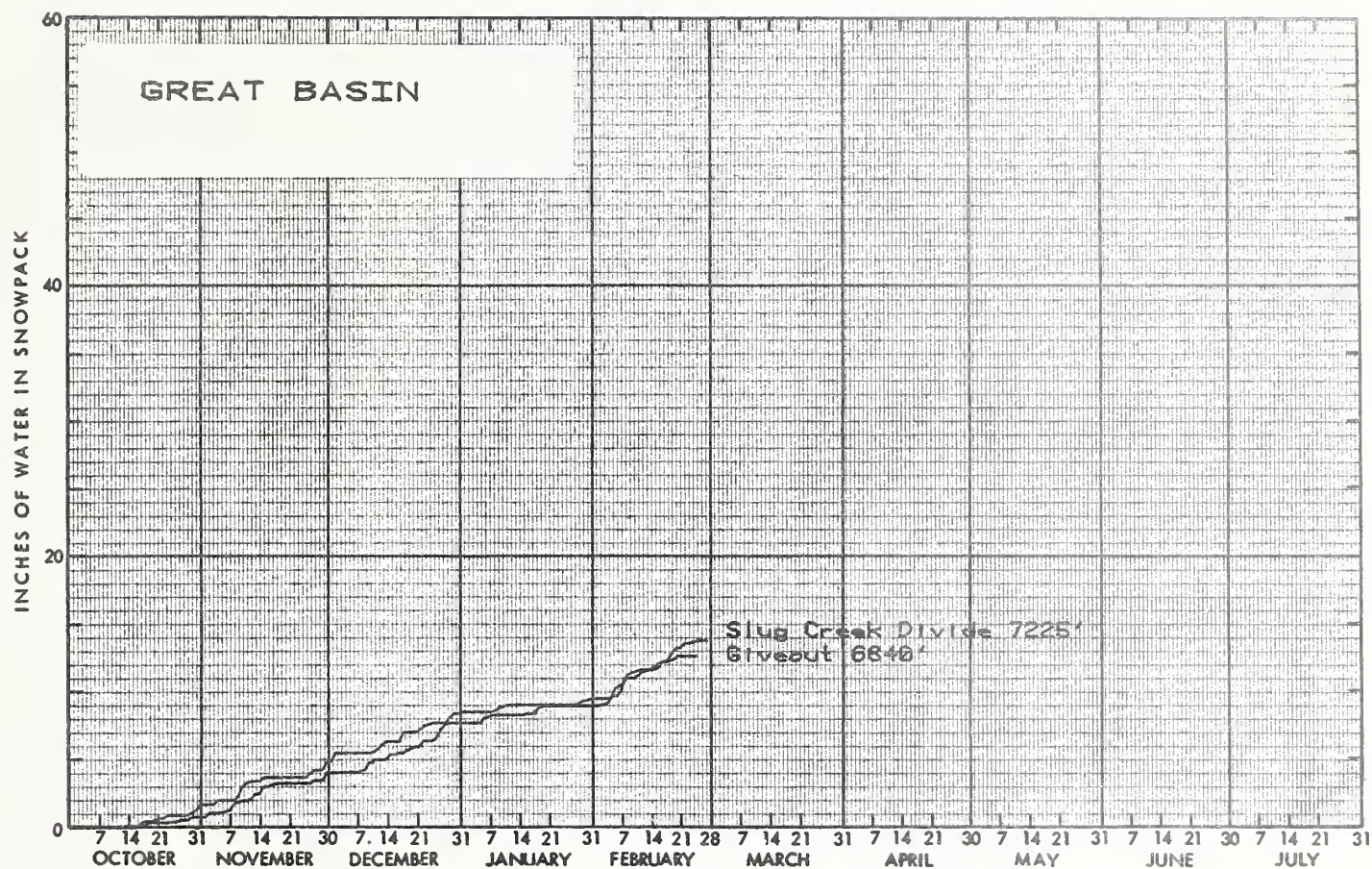


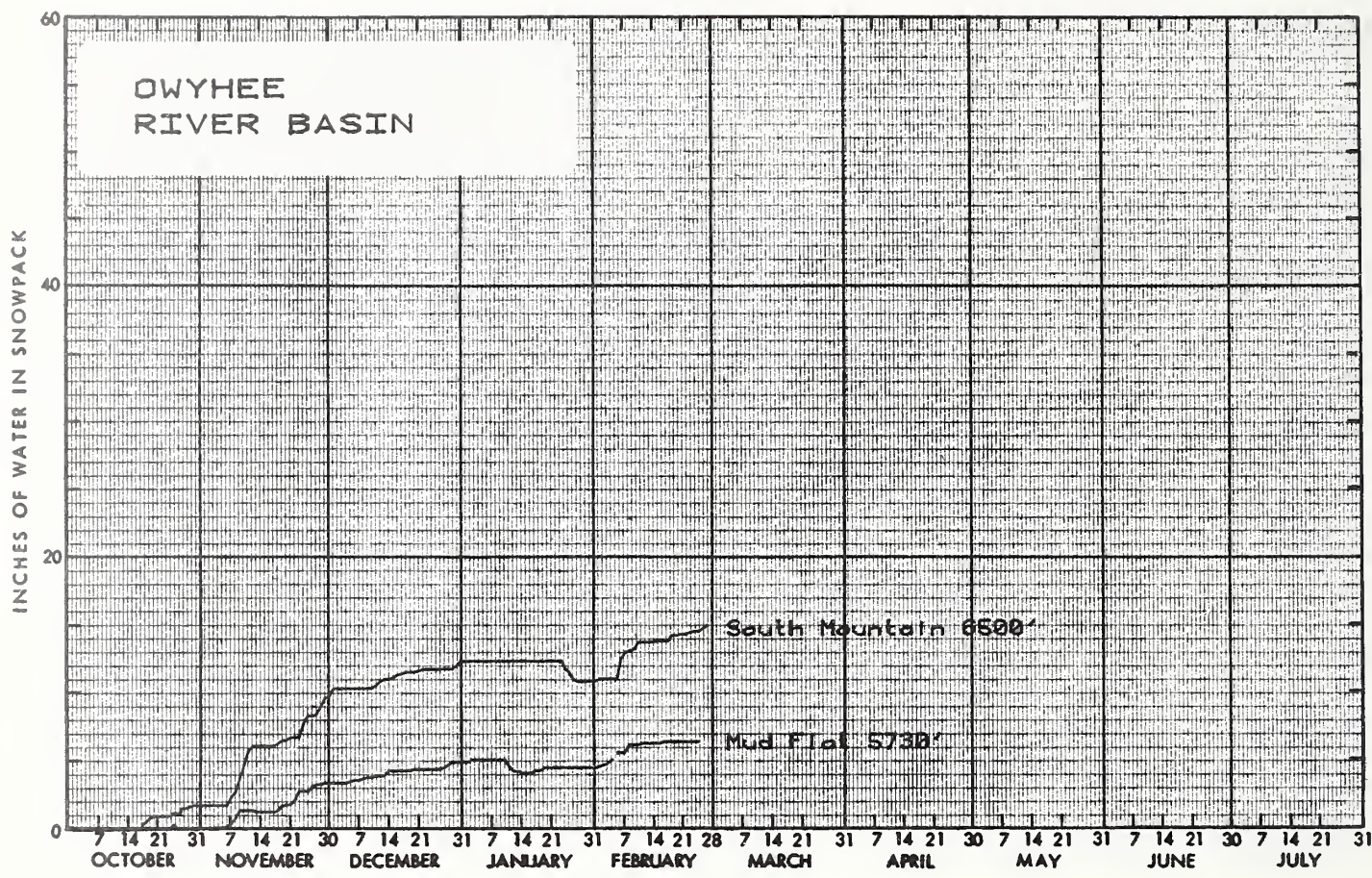












## **GOVERNMENT AGENCIES**

### **State**

Idaho Department of Water Resources  
Oregon State Engineer and Corps of State Watermasters

### **Federal**

Montana Cooperative Snow Surveys  
Nevada Cooperative Snow Surveys  
Oregon Cooperative Snow Surveys  
Utah Cooperative Snow Surveys  
Wyoming Cooperative Snow Surveys

U.S. Army Corps of Engineers

U.S. Department of Agriculture  
Forest Service

U.S. Department of Commerce  
NOAA, National Weather Service

U.S. Department of Interior  
Bureau of Reclamation  
Water Resources Division, Geological Survey  
Shoshone-Bannock Tribal Council

### **PUBLIC UTILITIES**

Washington Water Power Company  
Idaho Power Company

### **ORGANIZED PUBLIC AGENCIES**

Big Lost River Irrigation District  
Blaine Soil Conservation District  
Boise Project Board of Control  
Idaho Water District #01  
Little Wood River Irrigation District  
Salmon Falls Creek Irrigation Company  
Twin Falls Soil Conservation District  
Big Wood Irrigation Company  
Owyhee Project - North & South Board of Control  
Valley Soil Conservation District  
Portneuf Soil and Water Conservation District  
East Cassia Soil and Water Conservation District  
West Cassia Soil and Water Conservation District  
Camas Soil and Water Conservation District  
Lewiston Orchards Irrigation District

### **PRIVATE ORGANIZATIONS**

FMC Corporation  
Cyprus Mining Company  
Les Bois Resort

*Other organizations and individuals furnish valuable information for snow survey reports. Their cooperation is gratefully acknowledged.*

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